

## **Historic, Archive Document**

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34<sup>TH</sup> Year

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# OLDS<sup>®</sup> CATALOG 1921



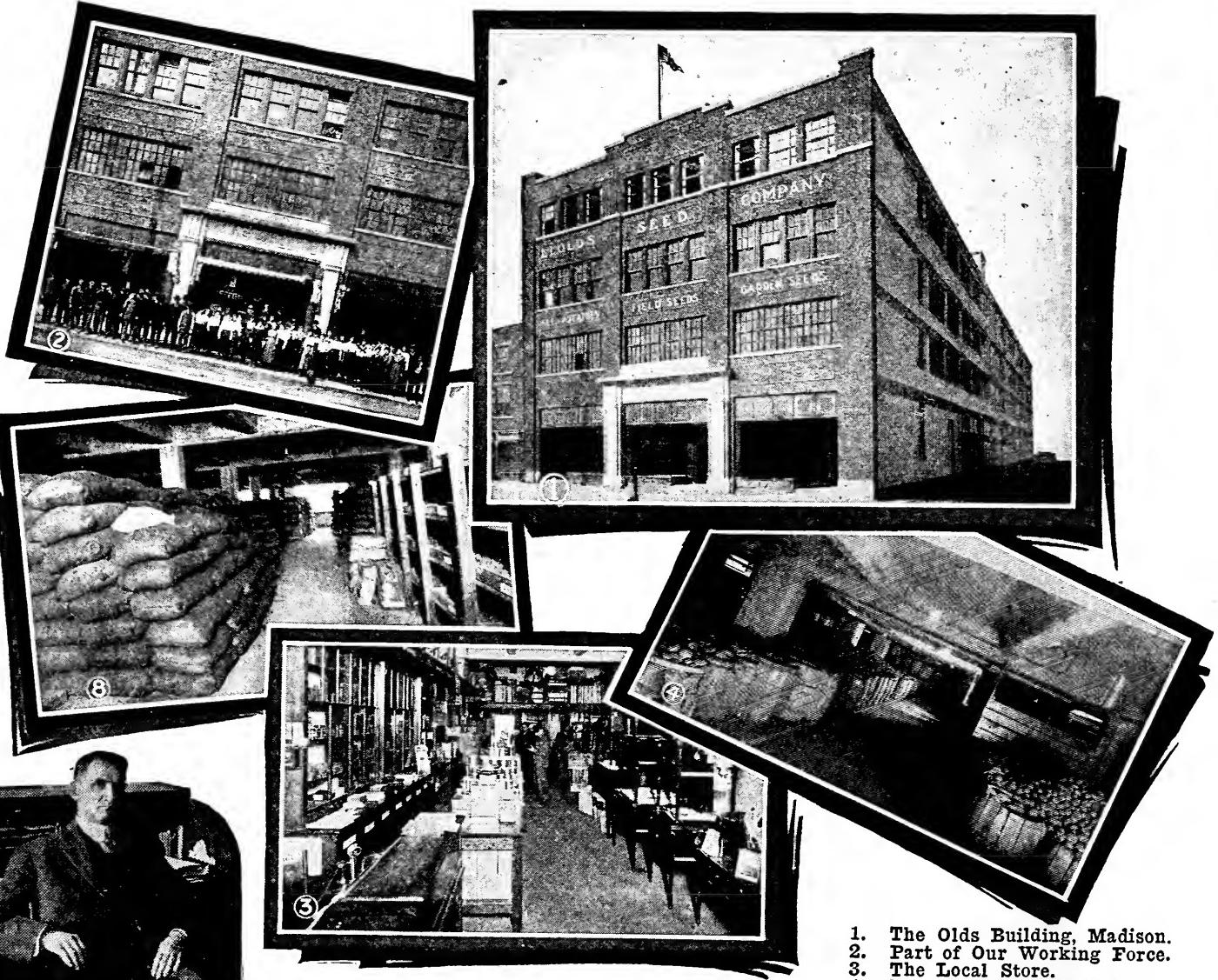
**Seeds  
Bulbs  
Plants  
Seed  
Potatoes**

**Garden  
Tools  
Poultry  
Supplies  
Insecticides**

**Olds'  
Catalog  
Tells the  
Truth**

**OLDS' MURDOCK YELLOW DENT CORN  
SEE PAGE II**

**Farm and Garden Seeds  
L.L.Olds Seed Co. Madison, Wis.**



1. The Olds Building, Madison.
2. Part of Our Working Force.
3. The Local Store.
4. View in the Potato Cellar.
5. Section One Field Seed Floor.

## MANAGER'S PERSONAL GREETING.

Madison, Wis., Jan. 1, 1921.

Dear Friends and Customers:

Those of you who have had our catalog in previous years will perhaps remember that it is my custom to use this first page for my own personal message, expressing first, appreciation for patronage in the past, then trying to give something of my ideals and purposes as head of this business which I organized over 30 years ago.

Last year was one of the best years we ever had. The business was larger in volume than for any previous year. We were also able to handle the business very satisfactorily and in spite of the difficulties in railway transportation, I think we gave good service. I want to heartily thank all our good customers for the fine orders that they sent us and for helping to make possible our splendid year.

**Reliability of Seeds is of First Importance.** In all the work connected with our business, in the selection of varieties and strains, in the purchasing and growing and in the cleaning and drying, our constant aim is to be able to offer not only seeds that will grow but seeds that can absolutely be relied upon to produce, seeds that are not only the purest and most vital but that will yield the biggest field crops and the most successful gardens.

Service is a special hobby of mine and I am determined all the time to give special attention to such things as promptness and carefulness in filling orders, courtesy in correspondence, absolute fairness and justice in all our dealings. I believe that our customers appreciate such things as these. Each year we are improving our service.

**"OLDS' CATALOG TELLS THE TRUTH"** is our slogan. I intend that it shall be an absolute fact so that the purchaser of seeds and other things can rely implicitly on what our catalog says and shows. Furthermore, I want everyone who entrusts his order with us to feel confident that he will not only receive just what he orders as the catalog represents it but that he can rely on what we recommend.

Honesty and Integrity are the ideals constantly before us. Our firm has for some years held a membership in the "American Seed Trade Association." This means something as this Association stands for the very highest ideals. One of the objects of the Association as stated in the constitution is to "improve and perfect a standard of business integrity, which shall include purity of stocks, honesty of representation, carefulness of obligations and promptness in execution." I am proud of the fact that I am holding this year the office of First Vice-President in this Association and have for several years been chairman of one of the standing committees.

**Farmers, Don't Get Discouraged** because prices are low. It cannot be helped. The war is responsible. Business men have to take a loss too. Conditions however will be better. Moreover the things you have to buy are lower and that will offset your loss, in part at least. Seeds are lower, especially clover and other field seeds. You can afford to sow liberally. Your farm needs the seed no doubt. Buy the best. It will pay.

Yours very truly,

L. L. Olds, President and General Manager,  
L. L. OLDS SEED COMPANY.



### SOME OF OUR EXPERT GROWERS.

A seedsman is something more than a merchant who simply buys and sells. He is, or should be, to a considerable extent, a grower as well as dealer. This does not mean that he himself must actually raise all the seeds he sells on his own land; but he should have a staff of men more or less under his control, expert farmers and seed growers who have made a specialty of certain things and who can be trusted to produce seed of certain varieties and strains that can be relied upon.

**Wisconsin is the Foremost State in the Union in the Production of Pedigreed Seed Grains.** We specialize in these pedigreed grains and we are particularly fortunate in our location here at Madison. Here is the headquarters office of the Wisconsin Experiment Association, with over a thousand members, graduates of the Agricultural College, enthusiastic growers. We have our pick of these men and we are glad to show on this page the faces of a few of them as well as some of our other growers. This list does not include any of our vegetable growers. We have a host of those scattered all over the world.

1. **W. E. Bishop**, grower of the finest Golden Glow Corn. Mr. Bishop has been in the seed corn game over 30 years.

2. **Allen Fahland**, Carman No. 3 Potatoes. Mr. Fahland has worked over 10 years developing this variety by hill selection.

3. **Chris Michelson**, Certified Early Ohios. Mr. Michelson is one of the most careful potato growers in the state.

4. **J. M. Blaska**, thresherman and large grain grower. Mr. Blaska has grown Wisconsin Pedigree Barley for us 10 years.

5. **A. J. Vieth**, progressive grain farmer of Dane County. Mr. Vieth grows Wis. Pedigree No. 7 Oats and Pedigree Wheat.

6. **Henry Schroeder**, king of the Red River Valley Potato growers. Most of our Red Rivers are from Mr. Schroeder.

7. **Oluf Cook**, expert potato farmer of Northern Wisconsin and grower of Olds' White Mammoth, 440 bushels per acre.

8. **R. O. Gmeinder**, another large Dane County farmer. Grows for us Pedigree Barley, Pedigree No. 7 and Gold Mine Oats.

9. **R. H. Lang**, Secretary Jefferson County Experiment Association. Grower of Golden Glow Corn and pedigreed grains.

10. **H. C. Brueckner**, grower of our famous Brueckner strain of Murdock Yellow Dent, Sweepstakes of the Northern Zone.

11. **P. V. Jackson**, a large Montana rancher. Mr. Jackson has grown our White Hulless Barley for us for several years.

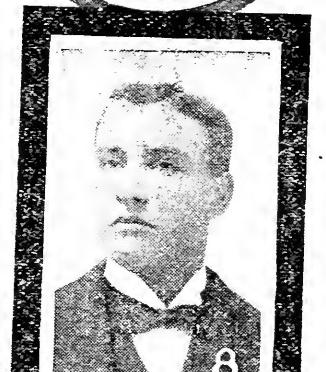
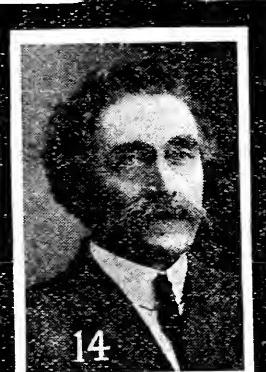
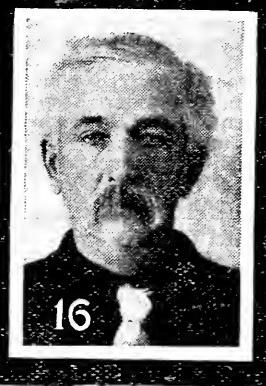
12. **Chas. H. Jewell** of W. P. Jewell & Sons, Oneida County, Wisconsin, growers of certified Green Mountain and Triumph.

13. **A. V. Bronner**, another Dane County grower. Mr. Bronner grows Wis. Pedigree No. 1 Oats and Marquis Wheat.

14. **John Blaska**, grower of Scottish Chief Oats, Wisconsin Pedigree Barley, Winter Wheat and Buckwheat.

15. **J. E. Anderson**, potato farmer of North Dakota and grower of our Red River Six Weeks potatoes.

16. **J. C. Parkin**, owner of a 1,200 acre ranch and grower of our famous Parkin strain of Grimm Alfalfa.



# INSTRUCTIONS FOR ORDERING.

**PLEASE USE ORDER SHEET** found in the catalog in making out your order and retain a copy of the order. If you have occasion later on to write us about the order give post-office address under which it was mailed. Orders are filed by post offices, so if you give a different post-office address in writing it is difficult for us to find the order.

**WE ACKNOWLEDGE ORDERS** when received unless the order, or some part of it, is to be sent at once or within a day or so. If any part is mailed right out that answers as an acknowledgment or if goods can be sent at once or very soon by freight or express we send acknowledgment and notice of shipment at the same time, enclosing Bill of Lading.

**WE SEND LARGE SHIPMENTS BY FREIGHT** unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, Chicago and Northwestern, Chicago, Milwaukee and St. Paul and Illinois Central. **CUSTOMERS PAY TRANSPORTATION CHARGES** on all goods unless they are offered postpaid. Small shipments will be sent by express rather than freight. There are special express rates everywhere on seeds. In the main the rate is 25 per cent less than the merchandise rate.

**NO CHARGE FOR PACKING OR CARTAGE.** Everything will be securely packed and labeled and delivered free at the Freight, Express or Post Office. All express rates have been reduced since the Parcel Post law went into effect.

**PREPAID STATIONS.** If there is no agent at your railroad station the freight has to be prepaid, and in such case we must request you to send money with your order to cover the amount.

**ORDER EARLY.** Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush, and then we will not have to write for permission to substitute for varieties sold out.

## OUR THREEFOLD GUARANTEE.

**1. QUALITY.** We guarantee the quality of the seeds, plants, bulbs and potatoes we send out to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, purity, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop. Goods may be returned when received if not satisfactory.

**2. SAFE ARRIVAL.** We guarantee everything we send out to arrive in good order. If potatoes freeze on the road we will refill the order if the time of shipping is left to our discretion. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us so that we can make proper claim. The bill of lading must be returned also. Therefore do not lose the bill of lading.

**3. RECEIPT OF MONEY.** We will be responsible for all money sent us through the mails, if remittance is made by P. O. or Express Order, Draft or Registered Letter. We will accept personal checks at face value. They look good to us. Small amounts, less than \$1.00, may usually be sent safely in postage stamps or coin.

## OUR PURPOSE.

To have the best of everything; to send out a neat, attractive catalog with truthful illustrations and descriptions; to be prompt; to be courteous; to handle all orders with the greatest care; to be honorable in our dealings, and to treat every customer so that he will want to order again. In short, to treat him as we would like to be treated.

## OUR RESPONSIBILITY.

Some new customers may hesitate to send us money as they may never have heard of us. We should be pleased to have such inquire as to our responsibility of Bradstreet's or Dun's Commercial Agencies in all large cities, of The First National or Merchants and Savings Bank of Madison, of any of the leading agricultural papers, or of any of our customers.

## FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1921.

Per 100 Lbs., in Barrels, Boxes or Sacks, Less than Car Lots.

(Potatoes, Garden Seeds, Clovers and Grass Seeds go as third class; Grain, Corn, Poultry Food, etc., fourth class.)

(In general shipments up to about 40 or 50 pounds in weight go cheaper by express than by freight.)

3rd.	4th.	3rd.	4th.	3rd.	4th.	3rd.	4th.
Antigo, Wis.....	\$0.54	\$0.40	Wisconsin Rapids, W.....	.41	.31	Yankton, S. D.....	.86½ .63
Ashland, Wis.....	.73	.46	Aurora, Ill.....	.45	.33½	Oklahoma City, Okla	1.81 1.47
Baraboo, Wis.....	.24½	.18	Bloomington, Ill.....	.54½	.40½	Bismarck, N. D.....	1.81 1.29
Beaver Dam, Wis.....	.31½	.23½	Champaign, Ill.....	.59	.44	Fargo, N. D.....	1.30½ .91
Beloit, Wis.....	.26½	.19½	Chicago, Ill.....	.45	.33½	Grand Forks, N. D.....	1.40½ .98½
Chippewa Falls, Wis.....	.51½	.38½	Danville, Ill.....	.59	.44	Jamestown, N. D.....	1.64 1.15½
Clinton Jc, Wis.....	.27½	.21	Decatur, Ill.....	.57½	.43½	Williston, N. D.....	2.29½ 1.67½
Dodgeville, Wis.....	.26½	.19½	Elgin, Ill.....	.42	.31½	Beatrice, Neb.....	.90 .67½
Eau Claire, Wis.....	.50	.38	Freeport, Ill.....	.35½	.26½	Fairbury, Neb.....	1.18 .90
Elroy, Wis.....	.31½	.23½	Galesburg, Ill.....	.54½	.40½	Fremont, Neb.....	.83 .61
Evansville, Wis.....	.21½	.16	Jacksonville, Ill.....	.60	.45	Hastings, Neb.....	1.30½ 1.01½
Fond du Lac, Wis.....	.34½	.25½	Joliet, Ill.....	.45	.33½	Lincoln, Neb.....	.83 .61
Ft. Atkinson, Wis.....	.25½	.19	La Salle, Ill.....	.47½	.35½	Omaha, Neb.....	.76½ .54
Green Bay, Wis.....	.46	.34½	Peoria, Ill.....	.55½	.41½	Hannibal, Mo.....	.55½ .42½
Janesville, Wis.....	.24½	.18	Quincy, Ill.....	.62½	.47	Kansas City, Mo.....	.76½ .54
Jefferson, Wis.....	.24½	.18	Rockford, Ill.....	.37	.28	St. Joseph, Mo.....	.76½ .54
La Crosse, Wis.....	.42	.31½	Rock Island, Ill.....	.47½	.35½	St. Louis, Mo.....	.66 .49½
Lake Geneva, Wis.....	.36	.27	Springfield, Ill.....	.59	.44	Springfield, Mo.....	.84½ .63
Lake Mills, Wis.....	.22½	.17	Woodstock, Ill.....	.38	.28	Elkhart, Ind.....	.76½ .55½
Lodi, Wis.....	.20½	.15½	Burlington, Ia.....	.53	.40½	Fort Wayne, Ind.....	.80½ .59½
Lone Rock, Wis.....	.25½	.19	Cedar Rapids, Ia.....	.52½	.39	Indianapolis, Ind.....	.84½ .63
Mauton, Wis.....	.31½	.23½	Clinton, Ia.....	.42½	.34½	South Bend, Ind.....	.77½ .58
Mazomanie, Wis.....	.21½	.16	Davenport, Ia.....	.47	.34½	Terre Haute, Ind.....	.84 .62½
Middleton, Wis.....	.17½	.15	Des Moines, Ia.....	.61	.46	Vincennes, Ind.....	.89½ .66
Milwaukee, Wis.....	.34	.25	Dubuque, Ia.....	.44	.35	Cleveland, Ohio.....	.94½ .70
Monroe, Wis.....	.30½	.23½	Fort Dodge, Ia.....	.66	.49½	Columbus, Ohio.....	.94 .69½
Mt. Horeb, Wis.....	.21½	.16	Marshalltown, Ia.....	.59½	.44	Dayton, Ohio.....	.91 .66½
Oshkosh, Wis.....	.38	.28½	Ottumwa, Ia.....	.56	.42½	Toledo, Ohio.....	.89 .66
Platteville, Wis.....	.34½	.25½	Shenandoah, Ia.....	.76½	.54	Youngstown, Ohio.....	1.00 .73½
Plymouth, Wis.....	.47½	.30½	Sioux City, Ia.....	.76½	.54	Erie, Pa.....	.1.02 .75½
Portage, Wis.....	.24½	.18	Waterloo, Ia.....	.57½	.42½	Calumet, Mich.....	.98 .66
Racine, Wis.....	.36½	.27½	Duluth, Minn.....	.74½	.47½	Harrisburg, Pa.....	1.27½ .87½
Reedsburg, Wis.....	.27½	.21	Faribault, Minn.....	.67½	.42½	Detroit, Mich.....	.89½ .67
Rhinelander, Wis.....	.62	.40½	Mankato, Minn.....	.73	.46	Philadelphia, Pa.....	1.29 .89
Sheboygan, Wis.....	.42	.31½	Red Wing, Minn.....	.67½	.42½	Grand Rapids, Mich.....	.82½ .60
Sparta, Wis.....	.38	.28½	St. Cloud, Minn.....	.95	.63	Kalamazoo, Mich.....	.80½ .59½
Stevens Point, Wis.....	.56½	.42½	St. Paul, Minn.....	.67½	.43½	Scranton, Pa.....	1.29 .89
Stoughton, Wis.....	.18	.15	Stillwater, Minn.....	.50	.31½	Lansing, Mich.....	.89½ .66
Sun Prairie, Wis.....	.18	.15	Winona, Minn.....	.56	.39	Port Huron, Mich.....	.94 .68½
Superior, Wis.....	.67½	.42½	Aberdeen, S. D.....	1.13½	.84½	Wilmington, Del.....	1.28 .88
Watertown, Wis.....	.24½	.18	Mitchell, S. D.....	1.08	.76½	Saginaw, Mich.....	.90½ .66
Waukesha, Wis.....	.29½	.22½	Pierre, S. D.....	.35	1.01½	Bangor, Me.....	1.38½ .97½
Wausau, Wis.....	.48½	.36½	Sioux Falls, S. D.....	.79½	.56½	Marquette, Mich.....	.67½ .47½

## PARCEL POST RATES.

Parcel Post Rates apply to seeds, potatoes, bulbs, plants and merchandise of all kinds except poisons, which cannot be sent by mail. If ordered at freight or express prices add at the following rates if to be sent by mail:

1st and 2nd Zones (up to 150 miles from Madison) 5c for the first pound, 1c for each additional pound.

3d Zone (151 to 300 miles from Madison) 6c for the first pound, 2c for each additional pound.

4th Zone (301 to 600 miles from Madison) 7c for the first pound, 4c for each additional pound.

5th Zone (601 to 1,000 miles from Madison) 8c for the first pound, 6c for each additional pound.

6th Zone (1,001 to 1,400 miles from Madison) 9c for the first pound, 8c for each additional pound.

7th Zone (1,401 to 1,800 miles from Madison) 11c for the first pound, 10c for each additional pound.

8th Zone (over 1,800 miles from Madison) 12c for each pound.

Packages must not exceed 70 pounds in weight for the first three zones, and 50 pounds for all other zones.

# SEED POTATO DEPARTMENT

## OLDS' SEED POTATOES—What They Are.

 Olds' Seed Potatoes have had a national reputation for years. We began with nothing but Seed Potatoes 34 years ago. Have made a specialty of them ever since. We always have choice stock and this year is no exception. The season was favorable last fall and they are all very fine. They are not extra large but large enough. Just right for size, smooth and clean. There is money in potatoes if you plant the right kind of seed. Use seed that was grown for seed. Our seed potatoes are mostly grown on contract specially for seed and from select stocks.

**CERTIFIED STOCK.** Most of our Wisconsin grown potatoes are "Certified Stock." That means that they have been inspected and O. K.'d both when growing and after being dug, by the Wisconsin Potato Growers' Association, an organization under the supervision of the Wisconsin College of Agriculture with headquarters here at Madison. An official red label tag will be used with every order filed from this certified stock reading as follows:

"This Seed is Certified as Regards:

1. Freedom from mixtures and reasonable conformity to the correct vine and tuber characteristics of the variety.
2. Freedom from black wart and powdery scab, and from serious infection with any other disease."

**GOVERNMENT GRADED.** Our Seed Potatoes are Government Graded. That means we use the rules for grading established by the U. S. Dept. of Agriculture. The specifications are as follows:

"U. S. Grade No. 1. This grade shall consist of sound potatoes of similar varietal characteristics, which are practically free from dirt or other foreign matter, frost injury, sunburn, second growth, cuts, scab, blight, dry rot, and damage caused by disease, insects, or mechanical means. The minimum diameter of potatoes shall be one and seven-eighths (1  $\frac{7}{8}$ ) inches."

"U. S. Grade No. 2. This grade shall consist of potatoes of similar varietal characteristics, which are practically free from frost injury and decay, and which are free from serious damage caused by dirt or other foreign matter, sunburn, second growth, cuts, scab, blight, dry rot, or other disease, insects, or mechanical means. The minimum diameter shall be one and one-half (1  $\frac{1}{2}$ ) inches."

All the potatoes we offer are of "U. S. Grade No. 1" unless otherwise specified. These of course run pretty good sized with no small ones at all. We have a limited quantity of No. 2 Grade of some varieties and they make very desirable seed as they are just like No. 1 except in size. They go further in planting.

**LARGE BARRELS:** Our barrels hold exactly 172 pounds each, net weight, the Wisconsin barrel. The old barrel was only 165 pounds, or about 12 pecks by measure. Our prices include barrels. Remember that.



## OLDS' IMPROVED EARLY OHIO.

The well-known dependable all-around early variety.

 Early Ohio is without doubt the most popular early potato in the country. We have more calls for it always than for any other early. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality. A large percentage of the so-called Ohios throughout the country, however, are badly mixed. This year is a good time to secure some of our pure, high-grade, vigorous seed.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look, as it is an actual photograph of a barrel put up from our bins showing the potatoes just exactly as they are. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them. We have sold thousands and thousands of bushels of this high grade vigorous stock, shipping them to customers all over the United States.

All of the Red River Ohios we offer this year were grown by Mr. Henry Schroeder, the "Potato King" of the Red River Valley. Mr. Schroeder's stock is really "Pedigree Stock," bred up and selected during a long term of years. It is not only pure and free from disease but will produce as it has the breeding in it.

In addition to our Schroeder Red River Early Ohios we have a couple of cars of Northern Wisconsin grown Certified Early Ohios grown by Chris Michelson of Oneida County. Mr. Michelson is one of the best potato growers in the state. This stock is splendid—pure, clean and uniform in type.

### PRICES OF OLDS' IMPROVED EARLY OHIOS.

Schroeder Stock, No. 1: Bu., \$2.50; bbl. \$7.50; 5 bbls. at \$7.35; 10 bbls. at \$7.25.  
Schroeder Stock, No. 2: Bu., \$2.20; bbl. \$6.65; 5 bbls. at \$6.50; 10 bbls. at \$6.40.  
Michelson Stock, No. 1: Bu., \$2.50; bbl. \$7.50; 5 bbls. at \$7.35; 10 bbls. at \$7.25.

**NOTE**—ALL our potato prices include barrels, sacks and other necessary containers. Remember this in comparing with other prices. (See page 8 for complete potato price list.)

## OLDS' RED RIVER SIX WEEKS.



A famous extra early, a little earlier even than Early Ohio. It has become immensely popular, and is much sought after, especially by market gardeners. The seed is always in demand and sells at a premium over other earlies. Six Weeks belongs to the Ohio family, resembles Early Ohio, but is usually just a little redder in color as well as being a little earlier. It makes an extremely quick growth, grows very compactly and yields as much as Early Ohio or more.

We are indeed fortunate in our stock of Six Weeks this year. They are all Red River grown and they are beauties, smooth, good large size, nice shape, pure and clean. Order early as we expect they will go like "hot cakes."

### PRICES OF OLDS' IMPROVED RED RIVER SIX WEEKS.

Grade No. 1: Pk., 80c; bu., \$2.60; bbl., \$7.75; 5 bbls. at \$7.60; 10 bbls. at \$7.50.  
Grade No. 2: Pk., 70c; bu., \$2.30; bbl., \$6.90; 5 bbls. at \$6.75; 10 bbls. at \$6.65.

**RED RIVER  
SIX WEEKS**

## OLDS' IMPROVED IRISH COBBLER.



Next to Early Ohio the Most Popular Early Potato. Irish Cobbler has been for some years the most famous early potato in the East. In the potato sections of Maine it has been more largely grown than all other earlies and has been shipped from there in large quantities to supply the truckers of New Jersey and Virginia and other Atlantic coast states. From there its popularity has extended throughout the whole of the United States.

It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Ohio type varieties.

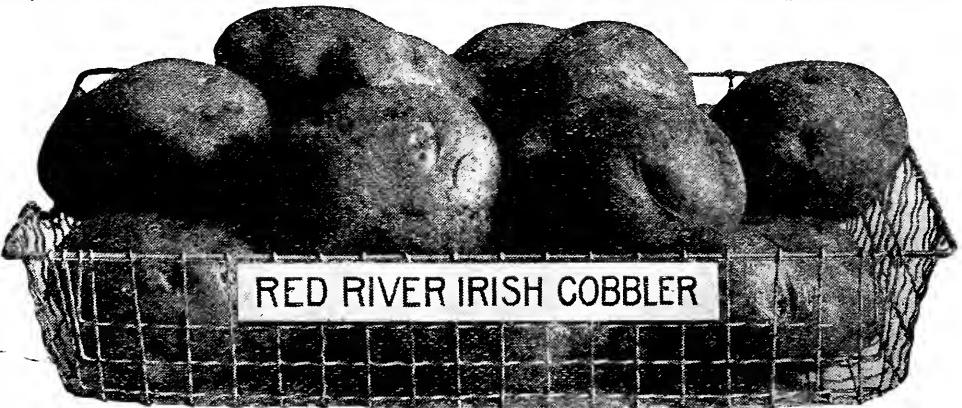
On our trial grounds Irish Cobbler yielded a third more than Early Ohio, although a little later. The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect, always cooking up dry and mealy. This variety will please anyone who wants a few earlies for home use as well as the large grower and the market gardener.

We have both Red River and Wisconsin grown stock of our pure improved Irish Cobblers to offer.

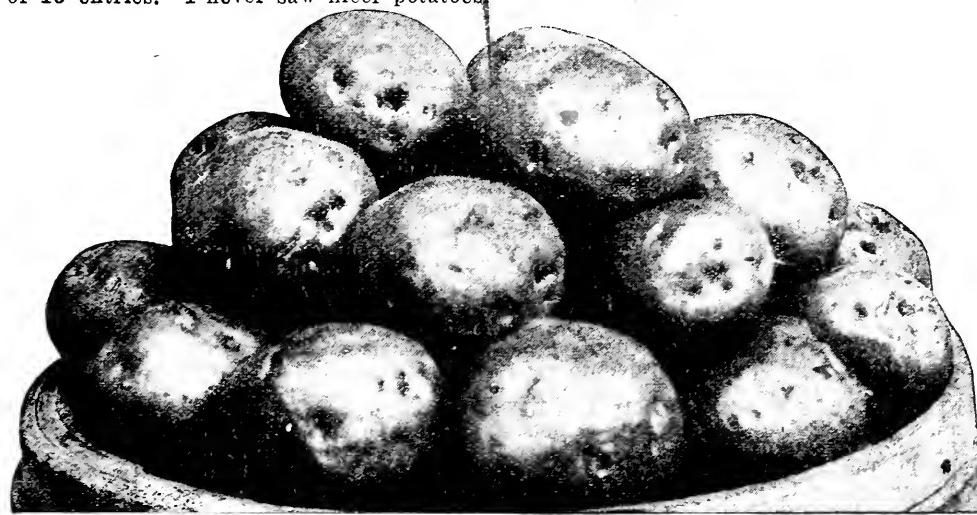
Our Red River stock is all from Henry Schroeder and that is enough to say about them. They can be relied upon. Our Wisconsin stock is all certified and from the northern counties. Part of it is from Oneida county, grown by Mr. Fred Williams, and part from Forest County, grown by Mr. Albert Grumann, who has grown Cobblers for us several years. All of this Wisconsin stock is very fine indeed and runs a little smoother than the Red River stock.

### PRICES OF OLDS' IMPROVED IRISH COBBLERS.

Red River, Schroeder Stock, No. 1: Pk., 75c; bu., \$2.60; bbl., \$7.75; 5 bbls. at \$7.60; 10 bbls. at \$7.50.  
Red River, Schroeder Stock, No. 2: Pk., 65c; bu., \$2.30; bbl., \$6.90; 5 bbls. at \$6.75; 10 bbls. at \$6.65.  
Wisconsin, Certified, No. 1: Pk., 75c; bu., \$2.60; bbl., \$7.75; 5 bbls. at \$7.60; 10 bbls. at \$7.50.  
Wisconsin, Certified, No. 2: Pk., 65c; bu., \$2.30; bbl., \$6.90; 5 bbls. at \$6.75; 10 bbls. at \$6.65.



E. G. Hills, New York, writes April 21, 1920: "Two years ago this spring I ordered of you a few of your Irish Cobbler seed potatoes (certified seed). I had been raising the Irish Cobbler for exhibition for some years but could never get them nice enough to win at our State Fair. The first fall after ordering these from you I won first place (\$5.00) in a class of 15 entries. I never saw nicer potatoes."



## OLDS' RED RIVER TRIUMPH.



Bliss' Triumph is the standard extra early. We are all familiar with it as sold at the groceries when the first new potatoes are shipped in. The tubers are nearly round, smooth, medium in size, reddish pink in color.

Our Triumphs cannot be excelled. The illustration shows them just as they look, smooth, uniform, round, very desirable in shape and size. Our Triumphs are all Red River grown and from Henry Schroeder.

Prices: Pk., 80c; bu., \$2.60; bbl., \$7.75; 5 bbls. at \$7.60; 10 bbls. at \$7.50.

# L. L. OLDS SEED CO.

Madison, Wis.

"Olds' Catalog Tells the Truth." Date 1921

We Suggest That You Keep A Copy Of Your Order.

WRITE PLAINLY, PLEASE

A

PLEASE DO NOT WRITE HERE

Name \_\_\_\_\_

No. \_\_\_\_\_ Am't Rec'd \_\_\_\_\_

Post Office \_\_\_\_\_

When Rec'd \_\_\_\_\_

R. D. \_\_\_\_\_ State \_\_\_\_\_

R. R. Station \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Shall we Mail, Freight forward by or Express \_\_\_\_\_

Space for Your Remarks!

IF YOU WRITE A LETTER REQUIRING AN ANSWER  
PLEASE PUT IT ON A SEPARATE SHEET OF PAPER.

IF OUT OF VARIETY ORDERED MAY WE SUBSTITUTE  
SOMETHING SIMILAR, EQUAL OR BETTER

?

Quantity	CATALOGUE NO. (If Garden Seeds)	SEEDS OR OTHER ARTICLES WANTED	PRICE
		Amount Forward.	



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SEED POTATOES,  
CORN, OATS, & BARLEY  
GRASS & CLOVER SEEDS  
GARDEN & FLOWER SEEDS  
POULTRY SUPPLIES  
TOOLS

\*\*\*

L. L. OLDS, PRES., & MANAGER  
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1921

Dear Sir:-

We are very glad to have the privilege of sending you one of our catalogs in response to your request. We hope you will be pleased with it. We have spent a lot of time in writing it, endeavoring to make it clear and concise; also truthful and reliable.

Please notice that we give prominence to FIELD SEEDS and SEED POTATOES. These are grown largely under our personal supervision from our own seed stocks. We are working all the time for PURITY and HIGH QUALITY and our purpose is to have the VERY BEST that can be grown.

We are in close touch with the work of the Wisconsin Experiment Station located here at Madison and we have all the new varieties recommended by them. See what we say about them. Our grain and field seeds are all carefully tested for purity and germination, and we print the tests on free samples that we send out. Ask for some of these samples if interested.

The GARDEN SEEDS we offer are grown for us by experts in the localities where the best seed can be produced. All are grown from carefully selected stocks and the utmost care is used in handling, cleaning, etc, to keep everything pure. Our seeds will GROW. We test the garden seeds for germination before sending them out, using the latest improved seed testers.

We aim to have the VERY BEST of everything and then make our prices just as reasonable as possible considering quality. After all, however, price is of little consequence. Purity and germination are the important things.

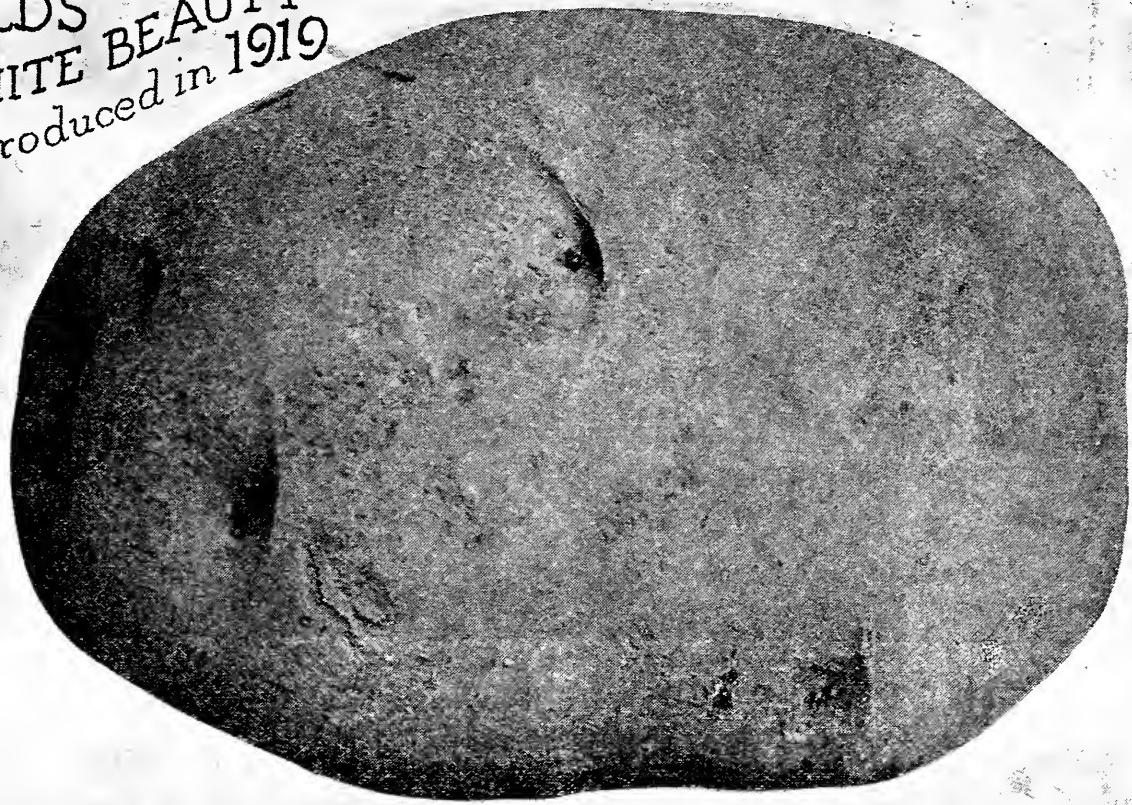
We would appreciate it, if you would send us a trial order this year (large or small). Your name will then be placed on our mailing list and you will receive our 112-page catalog costing 14 cents to mail, for the next three years, without special request.

Yours truly,

L. L. OLDS SEED COMPANY.

GRADEN & CO. LTD. 210  
BOSTON MASS. U.S.A.

OLDS'  
WHITE BEAUTY  
Introduced in 1919



OLDS' WHITE BEAUTY (Our 1919 Introduction).

**YIELD RECORD, 466 BUSHELS PER ACRE.**

We introduced this potato two years ago as a strictly new variety that promised to take a place right at the front in the list of valuable potatoes. It is certainly making good. It is a heavy yielding, high quality, main-crop variety. It has a distinct origin starting from a single seed ball in 1911.

**History.** Olds' White Beauty originated with one of our customers, Mr. P. C. L. Riegel of Minnesota. Mr. Riegel first called our attention to it in February, 1915. He wrote:

"I notice you are looking for something new. Well, I happen to have something that looks good to me. I am enclosing a pencil sketch drawn by marking around the potato on a piece of paper. This gives the size and the eyes are marked as they appear on both sides. This is the fourth year from the seed ball. The potato is a nice creamy white, very shallow eyes and smooth, yet the skin is just a little rough; not glossy like some are. It is a late potato. The quality is fine. They turned out the best and looked the best of anything we had last fall."

Mr. Riegel sent us three small tubers of the new seedling for trial and we were so well pleased with the way they turned out in our trial garden that the next year we bought the entire stock with exclusive rights. We worked away on them during the next three years increasing the stock as fast as possible and feeling better pleased each year.

**Description.** Olds' White Beauty is just the type that is wanted for an all-round, main crop, white-skinned potato. It is the right shape, nearly round to oval oblong; symmetrical and regular in form; eyes very shallow, so shallow that as one of our customers says: "You hardly know they have an eye"; beautiful white skin, slightly russeted; strong, vigorous grower, with dark stalks and purple blossoms like Rurals; medium in season, a heavy yielder, (466 bushels per acre is the yield record), and of the very best cooking qualities. Nothing surpasses it in quality.

**Value.** We have something of great value in this new potato. In the first place it can be sold in the large potato markets for Rural New Yorker, the standard main crop variety in nearly all sections, but while it resembles Rural it is better. The color is a creamy white instead of pure white and it is slightly russet like the old Snowflake, indicating quality. Then, for yield it surpasses everything. Its "new blood" tells. Note below the report from Prof. Waldron. In our trial grounds White Beauty outyielded Rural New Yorker, Green Mountain, White Mammoth and Carman No. 3 and the tubers were the finest in appearance of any.

We recommend this new potato for both the private gardener and the professional potato grower as it has quality and fine appearance and is productive. Try it in place of Rural. You will keep on with it. Do not think the price too high. You can sell to your neighbors next year at a good price. In 1919 we sold our White Beauty at \$1.00 per single pound, \$3.00 per peck, \$9.00 per bushel, \$20.00 per barrel, and last year we sold at 75 cents per pound, \$2.00 per peck, \$5.00 per bushel and we did not have near enough. Hundreds of orders were returned unfilled.

**PRICES OF OLDS' WHITE BEAUTY FOR 1921.**

**By mail:** Lb., 60c; 3 lbs., \$1.00. By express or freight, not prepaid: Lb., 50c;  $\frac{1}{2}$  pk., \$1.00; pk., \$1.50;  $\frac{1}{2}$  bu., \$2.50; bu., \$4.00; bbl., \$10.00; 5 bbls. at \$9.85; 10 bbls. at \$9.75. Not less than one pound sold.

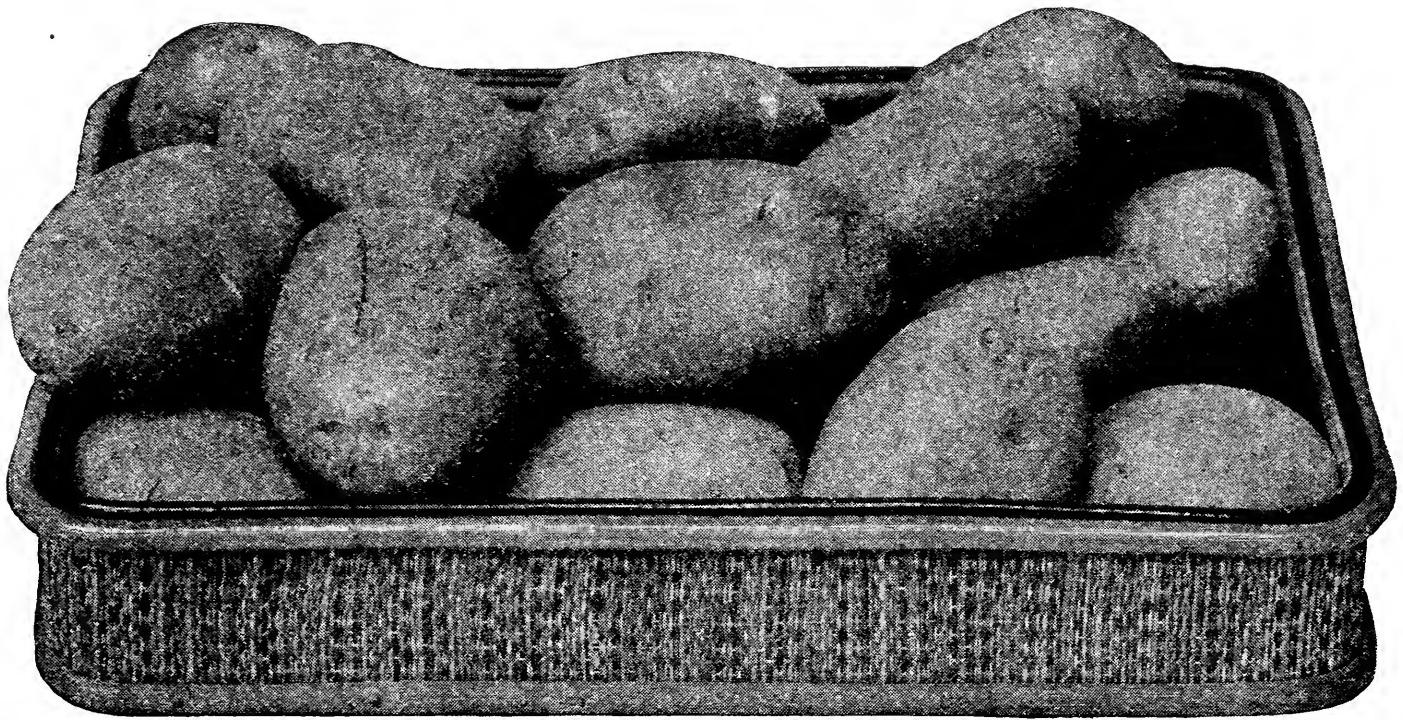
Prof. L. R. Waldron of the North Dakota Agricultural College tested Olds' White Beauty along with two other varieties, Early Ohio and a variety he calls Late White. He writes:

"Twenty-eight hills of each variety were planted, being placed three feet by two feet, the rows being three feet apart. The varieties made a good growth during the season and were harvested September 23. The following tabulation gives the important results:

	Wt. of tubers per hill pounds	Wt. of tuber Ounces	Yield per acre Bushels
White Beauty .....	3.85	10.6	465.9
Late White .....	3.72	7.3	450.1
Early Ohio .....	1.69	6.2	204.5

Nathan H. Young, Minnesota, writes Sept. 23, 1920: "In 1919 I bought of you one peck of White Beauty potatoes. This year I planted all I raised. I dug a few hills and took  $\frac{1}{2}$  bushel to the Hinckley Fair Sept. 15th, 1920, and drew first prize; and then took them to Pine City, Sept. 16-17-18-19 and 20 and captured first prize for Pine County. They are sure white beauties and are the best eating potatoes we ever ate and have a fine flavor."

J. T. Kight, Indiana, writes Nov. 8, 1920: "I would like your catalog for next year's seeds. I must tell you about that White Beauty potato you sent me in 1918. You mailed me one with my seed order and it had 11 eyes and I got only about one gallon of small potatoes as the season was not a potato year, but last April I planted the gallon and got 2  $\frac{1}{2}$  bushels of the finest potatoes I ever saw or tasted. It certainly is some potato."



A Basket of Olds' Certified Rural New Yorkers

## OLDS' IMPROVED RURAL NEW YORKER. THE POTATO FOR EVERYBODY



Rural New Yorker is the most popular main crop variety in cultivation today. The Rural type does the best as a rule on clay soils and black soils and in fact it is the universal potato for all soils. It will probably stand more neglect and do better under unfavorable conditions than any other standard variety. It is easily grown, a good keeper and always yields well, while its desirable shape, pure white skin and shallow eyes make it a good looker and seller. As a rule the quality is all right too.

Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals. All our stock is certified and the most of it is from the farm of Carlson Brothers in the northern end of Door County, where they have no early frosts. This is adjoining the farm formerly owned by the Ellison Bay Company who have furnished us such fine Rurals in past years. In fact Carlson Brothers have worked their farm for some years and really grew the stock we have offered in the past. The stock we offer this year is the same strain and is probably the finest strain of Rurals in the state. The stock is not only absolutely pure but bred to a uniform smooth type. They have been rogued and rerogued and not only all mixtures removed but all weak hills taken out. The stock we have this year is, we think, absolutely the finest stock of Rurals we have ever handled, and the potato inspector says he found no better ones in all he examined in Wisconsin last fall.

Farmers, everywhere! You who know what Rurals are and have found them a profitable variety to grow, Change your seed. Plant this Door County Carlson strain of Olds' Improved Rural New Yorker and grow more bushels per acre, uniform in size and type like the potatoes shown in the basket.

### PRICES OF OLDS' IMPROVED RURAL NEW WORKERS.

Carlson Stock, No. 1 Grade, Certified: Pk., 70c; bu., \$2.40; bbl., \$7.25; 5 bbls. at \$7.10; 10 bbls. at \$7.00. Potato prices are subject to change after February first. Ask for "Weekly Price List" after that date.

**PACKING AND SHIPPING.** We are in the best possible position to make prompt shipments, as we have our own sidetracks and load potatoes direct from our warehouses into cars alongside, shipping everything in refrigerator cars early in the season. If late in ordering, name second choice, as our rule is not to substitute without permission. All early shipments are packed in lined barrels furnished free. Later in the season, we sometimes ship in sacks, especially nearby orders, when we are satisfied that they will go just as well that way.

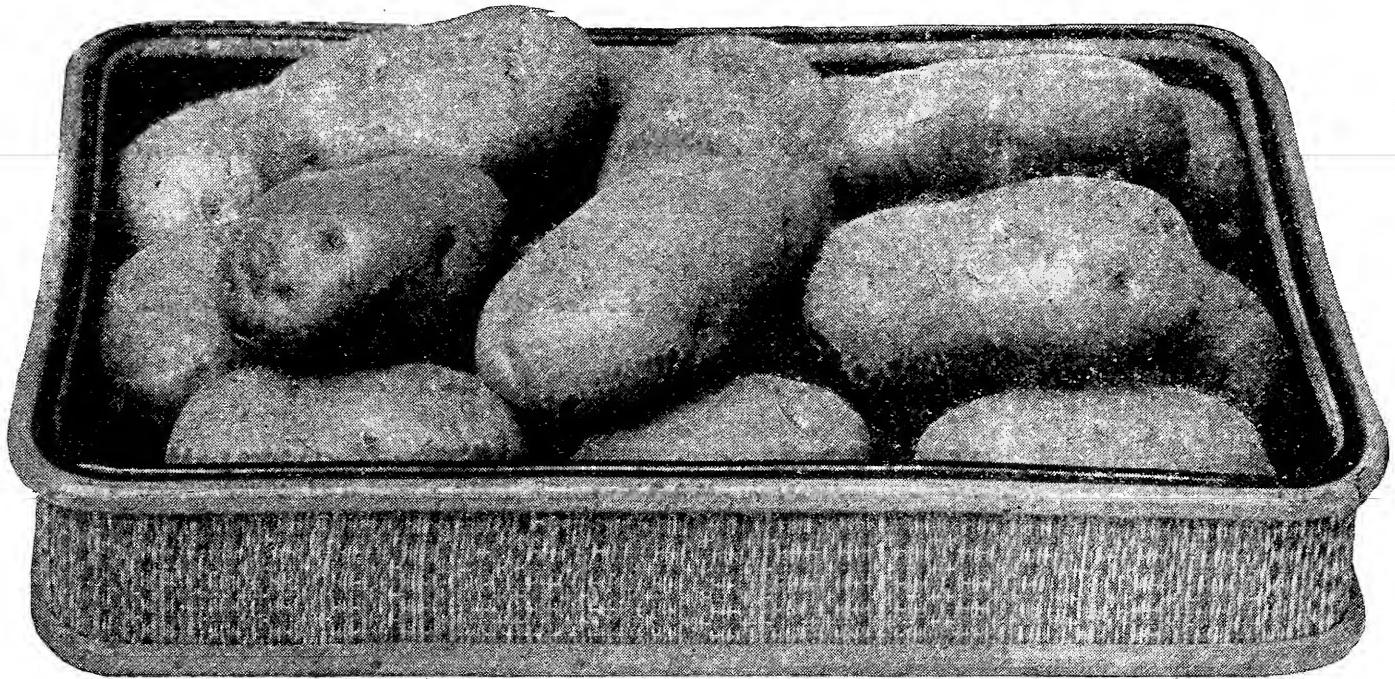
## OLDS' SCOTCH RURAL, An Improved Rural New Yorker

A "new blood," heavy yielding, white-skinned, late potato of the Rural type introduced by us in 1911. It looks like Rural New Yorker, but ordinarily grows nearly twice as large vines, and yields nearly twice as many bushels per acre. It does this pretty nearly every time. On our trial grounds Scotch Rural has invariably made a larger growth of vines than any other variety. It is later in maturing however and not quite as smooth. We do not recommend it for the extreme north. It is a great potato for this latitude, especially for resisting drouth.

Prices: Pk., 70c; bu., \$2.40; bbl., \$7.25; 5 bbls. at \$7.10; 10 bbls. at \$7.00.

All potato prices include barrels, sacks and other necessary containers.





A Basket of Olds' Certified Improved Green Mountains.

### OLDS' IMPROVED GREEN MOUNTAIN.

**OLDS' SEED CO.** Green Mountain is fast becoming the most popular variety in the potato counties of Northern Wisconsin. It is somewhat earlier than Rural New Yorker and a little ahead of Rural in quality. Does specially well on sandy soils. On clay soils it sometimes grows rough. In some sections of Northern Wisconsin they even call Green Mountain an early variety. We would call it about medium in season.

Green Mountain is a strong, vigorous grower with an abundance of bushy vines with light green leaves and pure white blossoms. The tubers are slightly oblong and broad, with a thick netted skin, cream color rather than white. The color and the thick netting indicate fine cooking qualities. A Green Mountain is hard to beat for an eating potato, as it always cooks up dry and mealy and has a peculiarly fine flavor. As a yielder Green Mountain is near the top and on light soils and sandy soils is usually ahead of Rurals in yield. On heavy soils plant Rurals or Carman's.

All our Green Mountains are certified. That means freedom from mixtures, trueness to type and freedom from disease. See page 3 regarding this. Our stock this year was grown in Sawyer county, northern Wisconsin, by Dexter Brothers and by Gunner Mossback. They grow wonderful Green Mountains up there in that northern country. Our stock averages a little bit smaller in size than most of the Green Mountains this year. This makes them all the better for seed stock.

#### PRICES OF OLDS' IMPROVED CERTIFIED GREEN MOUNTAIN.

No. 1 Grade, Certified: Pk., 70c; bu., \$2.40; bbl., \$7.25; 5 bbls. at \$7.10; 10 bbls. at \$7.00.

### OLDS' WHITE MAMMOTH.

#### INTRODUCED BY US IN 1915. YIELD RECORD 440 BUSHELS PER ACRE.

**OLDS' SEED CO.** History. Olds' White Mammoth originated with one of our Ohio customers, Mr. W. W. Whiton. It started from a seed ball from the old Peachblow. The Ohio Experiment Station tested it and reported a yield of 335 bushels per acre, the highest on the list of varieties that year and 52 bushels ahead of Carman No. 3. When we first tried this variety ourselves we found it one of the best in our trial grounds out of 68 varieties.

Description. Olds' White Mammoth is a medium large, pure white potato with a thickly netted skin. The tubers are oblong in form with smooth outline and are very attractive in appearance. For quality it is in the front rank, always cooking up dry and mealy. It has the same shape and general appearance as Green Mountain and grows very much like that well known variety, with large bushy vines, light green leaves and white blossoms. It is ahead of Green Mountain for quality and is smoother, and when it comes to productiveness it outyields everything.

Value. We consider White Mammoth a decided addition to the fine list of main crop varieties that we already have. We congratulate ourselves on being able to offer it again to our customers. Our stock this year was all grown by Oluf Cook, Sawyer County. Mr. Cook had a wonderful yield again the past season, nearly 400 bushels per acre. One year they went 440 bushels per acre on Mr. Cook's farm.



Oluf Cook and his White Mammoth Potatoes.

#### PRICES OF OLDS' WHITE MAMMOTH.

No. 1 Grade: Pk., 75c; bu., \$2.50; bbl., \$7.50; 5 bbls. at \$7.35; 10 bbls. at \$7.25; 600 lbs. (in sacks) at \$3.90.  
No. 2 Grade: Pk., 65c; bu., \$2.20; bbl., \$6.65; 5 bbls. at \$6.50; 10 bbls. at \$6.40; 600 lbs. (in sacks) at \$3.40.

Chas. Hutchings, New York, writes April 24, 1920: "In the spring of 1919 I purchased from your firm one bushel of Olds' White Mammoth potatoes. When I dug them in early fall of 1919, I harvested a good crop. I saved from last year's crop 1 1/4 bushels and planted them last May, in ground that had no manure of any kind spread on it in 33 years. The result is I have 28 bushels of Olds' White Mammoth potatoes, the finest lot of potatoes one ever saw, great big immense potatoes, not one of them hollow and they cook so mealy that a large spoon is used to remove them from the pot when cooked. If I had them on real good ground, no doubt a third more yield would have been the result. The White Beauties turned out immense too; they are a beautiful potato, both in quantity and quality. Will buy again next year and others will too who have seen my big yield of Olds Seed Company's productions. Not one of my neighbors for miles about here have anything like Olds' White Beauty and Olds' White Mammoth potatoes. Olds' seeds for mine in the future."

# OLDS' IMPROVED CARMAN NO. 3.

YIELD RECORD, 400 BUSHELS PER ACRE.

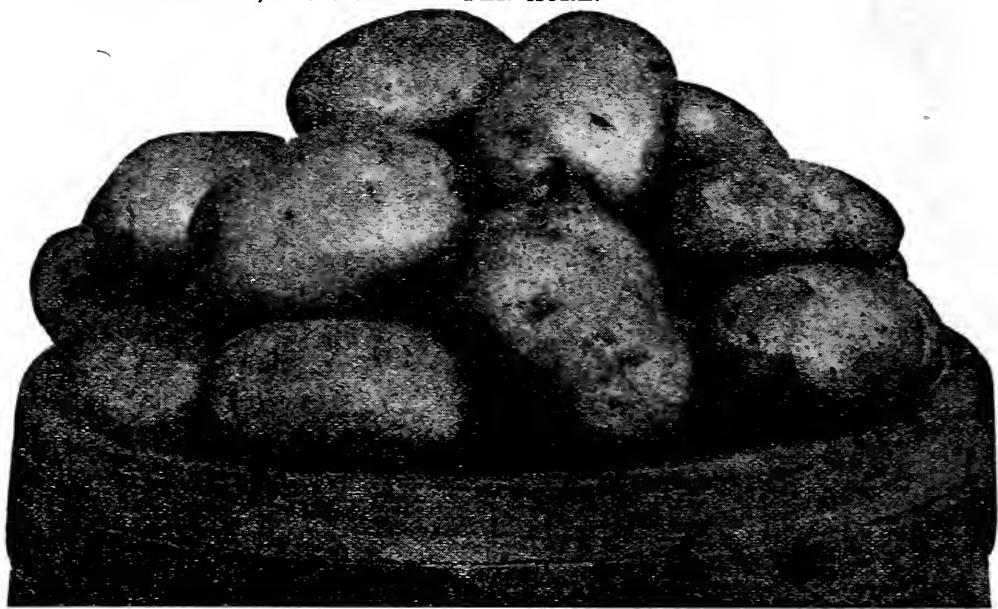


This great potato should be found in every list of the best varieties. It is a sort of an iron-clad, and holds its own and does well everywhere. It makes great yields of fine, large, smooth tubers (like the illustration), even under the most unfavorable circumstances, and can be relied on to bring in money. It grows a very strong, upright top, with dark-colored stalks and purple blossoms, and is little affected by drouth, blight, or bugs.

Our Carman No. 3 were grown by Allen Fahland, in Polk County, Northwestern Wisconsin, from hill selected seed. Mr. Fahland has made a specialty of Carman No. 3 for ten years, improving the strain by hill selection. He says: "I consider them the best main crop potato one can raise because they are practically free from blight and bugs and small potatoes and are a very heavy cropper of good potatoes. They have averaged me 300 bushels per acre. One year they went 400 bushels per acre."

Prices, Grade No. 1: Pk., 75c; bu., \$2.40; bbl., \$7.25; 5 bbls. at \$7.10; 10 bbls. at \$7.00.

Grade No. 2: Pk., 65c; bu., \$2.10; bbl., \$6.40; 5 bbls. at \$6.25; 10 bbls. at \$6.15.



COMPLETE POTATO PRICE LIST	Half Peck	Peck (15 lbs.)	Bu. (60 lbs.)	150 lbs. (In sack)	Bbl. (172 lbs.)	5 Bbls. Per bbl.	10 Bbls. Per bbl.	600 Lbs. Per 100 lbs.
Red River Early Ohio, Schroeder Stock No. 1.....	.45	.75	2.50	6.00	7.50	7.35	7.25	3.90
Red River Early Ohio, Schroeder, No. 2.....	.40	.65	2.20	5.25	6.65	6.50	6.40	3.40
Wisconsin Early Ohio, Certified No. 1.....	.45	.75	2.50	6.00	7.50	7.35	7.25	3.90
Olds' Red River Six Weeks No. 1.....	.45	.80	2.60	6.25	7.75	7.60	7.50	4.05
Olds' Red River Six Weeks No. 2.....	.40	.70	2.30	5.70	6.90	6.75	6.65	3.55
Red River Irish Cobbler, Schroeder No. 1.....	.45	.75	2.60	6.20	7.75	7.60	7.50	4.05
Red River Irish Cobbler, Schroeder No. 2.....	.40	.65	2.30	5.45	6.90	6.75	6.65	3.55
Wisconsin Irish Cobbler, Certified No. 1.....	.45	.75	2.60	6.20	7.75	7.60	7.50	4.05
Wisconsin Irish Cobbler, Certified No. 2.....	.40	.65	2.30	5.45	6.90	6.75	6.65	3.55
Olds' Red River Triumph, Schroeder No. 1.....	.45	.80	2.60	6.25	7.75	7.60	7.50	4.05
OLDS' WHITE BEAUTY.....	1.00	1.50	4.00	8.50	10.00	9.85	9.75	5.50
Olds' Rural New Yorker, Certified No. 1.....	.40	.70	2.40	5.75	7.25	7.10	7.00	3.75
Olds' Scotch Rural No. 1.....	.45	.70	2.40	5.75	7.25	7.10	7.00	3.75
Olds' Green Mountain, Certified No. 1.....	.40	.70	2.40	5.75	7.25	7.10	7.00	3.75
Olds' White Mammoth No. 1.....	.45	.75	2.50	6.00	7.50	7.35	7.25	3.90
Olds' White Mammoth No. 2.....	.40	.65	2.20	5.25	6.65	6.50	6.40	3.40
Olds' Carman, No. 3, Grade No. 1.....	.45	.75	2.40	5.75	7.25	7.10	7.00	3.75
Olds' Carman, No. 3, Grade No. 2.....	.40	.65	2.10	5.00	6.40	6.25	6.15	3.25

POUND PRICES. All Varieties except Olds' White Beauty. By mail: One pound (about 3 good tubers) 30c; 3 lbs., 75c; postpaid. By freight or express: Lb., 25c; Not less than one pound of a variety sold.

Collection Barrels. We offer a barrel made up of any 2 varieties potatoes on our list half of each, at barrel rates, plus 20 cents; 3 varieties, at barrel rates, plus 35 cents.

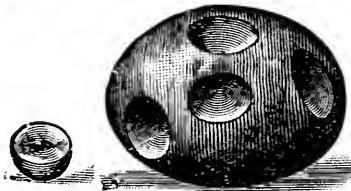
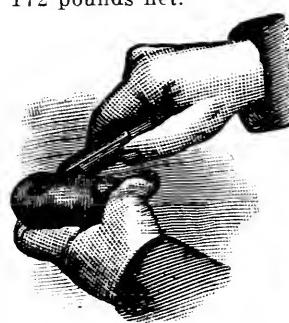
Prices Subject to Change. The potato prices given in this catalog are in effect until February first. Ask for "Weekly Price List" for prices after that date.

Containers Included. Single bushels, 150 pound orders and 600 pound orders will be shipped in sacks, sacks free at the prices named above. Barrels are very high this year, costing much more than sacks. However we furnish the barrels free at the barrel prices and all early shipments and long distance shipments should go in barrels. Every barrel contains 172 pounds net.

## POTATO EYES.

We furnish Potato Eyes in boxes of 160 eyes each of all varieties on our list carefully packed in damp moss in paraffin lined boxes. We guarantee safe arrival in good condition.

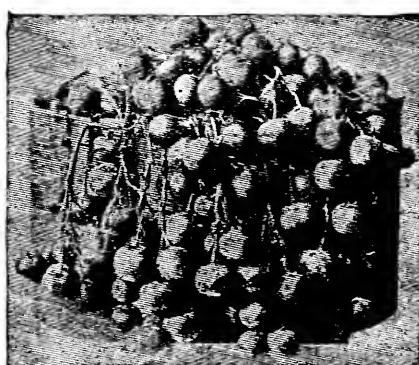
We have been sending out potato eyes in this way now for several years and we know they give satisfaction. This plan is specially fine for customers living at a great distance, where freight would be high.



Orders will be filled at the right time for planting.

### PRICES OF POTATO EYES, ALL VARIETIES.

- 160 Eyes, (one box) all one variety, your selection, \$1.50 by mail, postpaid.
- 160 Eyes, (one box) two varieties, 80 of each, your selection, \$1.60, postpaid
- 160 Eyes, (one box) four varieties, 40 of each, your selection, \$1.70, postpaid.
- 480 Eyes, (3 boxes) all one variety, \$3.50 by express, not prepaid.
- 480 Eyes, (3 boxes) three varieties, \$3.65 by express, not prepaid.
- 480 Eyes, (3 boxes) twelve varieties, \$4.00 by express, not prepaid.
- (No orders accepted for less than 160 eyes.)



## POTATO SEED-BALLS BY THE BUSHEL POTATO BALL SEED.

We offer a fine stock of hybridized potato seed from the balls. Experimenting with this seed is interesting. Every seed makes a distinct variety.

Pkt., 15c; 2 pkts., 25c.

Louis E. Lussie, Calgary, Canada, writes June 20, 1920: "Your seeds came in none too soon. I planted the spuds at once and I am glad to state that each and every one of the potato eyes is up. This was an experiment and my neighbors were all Thomases about it. Now everyone will have potato eyes next year."

# OLDS' SEED CORN

## FANCY WISCONSIN GROWN CORN.

Wisconsin's corn crop was again fine the past season and we have beautiful Wisconsin grown seed corn to offer. This corn is fire-dried. We take no chances. It tests close to 100 per cent and can be relied on absolutely.

**EAR CORN.** With the exception of the year 1918 we have offered corn on the ear, put up in bushel crates, every year for the last 16 years. We believe that farmers should have a chance to see the seed corn they buy before it is shelled and in fact many of the most progressive farmers insist upon that. We have shelled a larger proportion than usual, however, owing to the high price of crates.

**WISCONSIN SHELLLED CORN.** All the Wisconsin shelled corn we offer is from select ears. The corn is either tipped before shelling or carefully graded after shelling and

much of it graded with a Hero Corn Grader. See Page 105.

**OUR GUARANTEE.**—Note what we say about guaranteeing quality on page two. This applies to corn, as well as other things. The stock must be as represented. We guarantee to the extent of the amount sent us but no further and will not be responsible for the crop.

**Prices.** The Seed Corn prices named in this catalog are good until February first and are intended to be the prices for the season. Consult our weekly "Red Price List" after Feb. 1st. Do not think our prices high. You cannot buy fire-dried corn of Wisconsin pedigree varieties at the price of feed corn or anything like it. After all the cost of the seed for an acre of corn is only a trifle and it makes a big difference whether you have the right seed or not.



Wisconsin No. 25 Corn as Grown at the Branch Experiment Station, Spooner, Wis., Yield, 85 bus. per acre Shelled Corn.

### WISCONSIN NO. 25 CORN. (Earliest Of All.)

We have long been looking for a good dent corn a little earlier than anything else we have had, something for extreme northern sections. Here we have it. Wisconsin No. 25 originated at the Ashland Station. It is a cross of Wisconsin No. 8 and a very early but deep-kernelled yellow dent which Prof. Delwiche secured from Northern Michigan. Prof. Delwiche says:

"We have selected from the original cross with the idea of fixing a type of corn similar in general appearance to the Wis. No. 8 but of earlier maturity. Our tests at Spooner have shown this new variety to be about a week to ten days earlier than the Wis. No. 8. The ideal we are working towards, and which is quite well fixed now, is for stalks ranging from seven to nine feet in height on medium soil, quite leafy; ears rather low on the stalk with from twelve to sixteen rows, kernels well dented but not rough. The proportion of corn to cob for this variety is somewhat greater than for the Wis. No. 8, being about 85% while our Wis. No. 8 (northern strain) is approximately 81% to 82%."

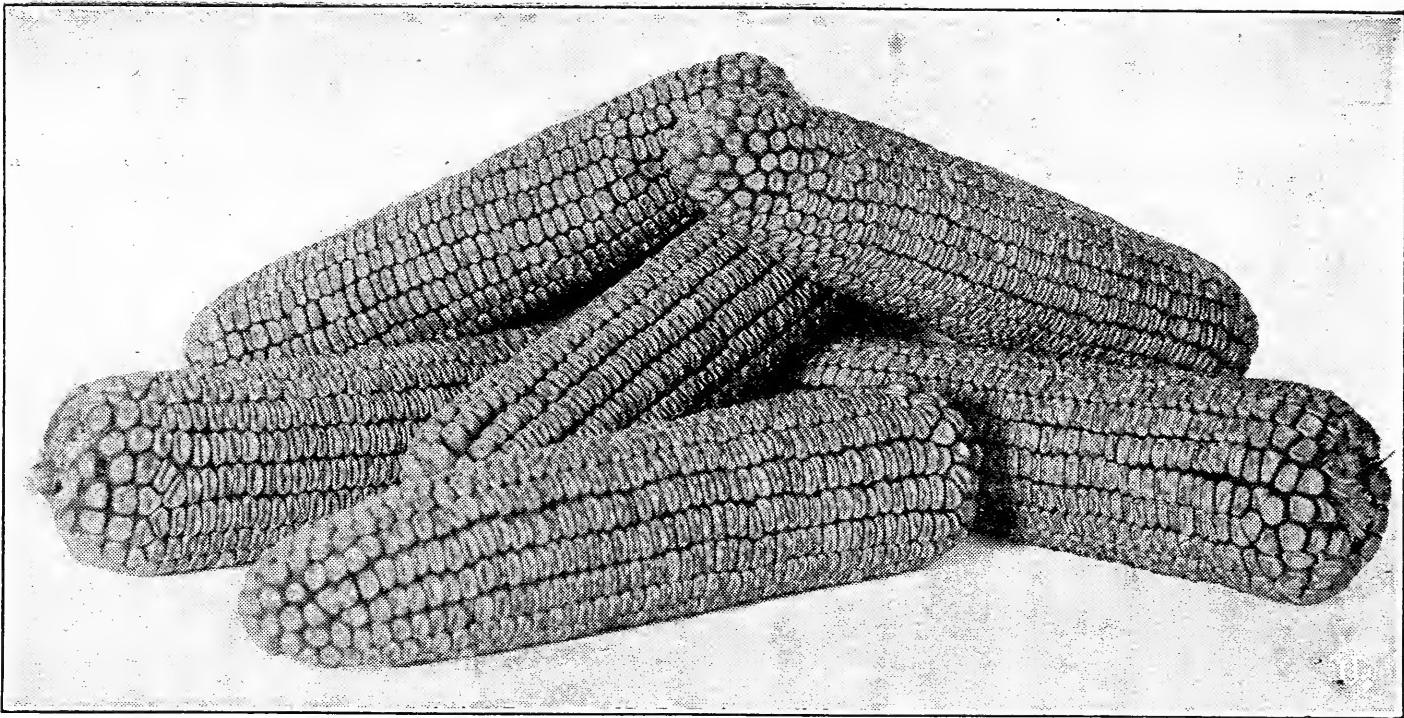
This is certainly the corn to plant in the northern counties of Wisconsin if mature ripe corn is wanted. All who have tried it out in that part of the state are very enthusiastic over it.

The County Agent of Oconto County writes regarding Wis. No. 25 corn.

"I picked ripe seed corn on George Lemorande's farm in the town of Spruce, Oconto County, on August 20th and he tells me that it had been ripe for several days then. It is at least two weeks earlier than the No. 12 grown next to it in the same field. The No. 12 which I am comparing it to, was seed corn that has been acclimated to our community and it is as early as any No. 12 I know of."

#### PRICES OF WISCONSIN NO. 25 FOR 1921.

By Mail: Lb., 40c; 3 lbs., \$1.00. By Freight: Lb., 35c;  $\frac{1}{2}$  pk., \$1.1g; pk., \$2.00; bu., (56 lbs.) \$6.50; 5 bus. at \$6.35; 10 bus. at \$6.25. (All our stock is shelled and is from the Northern Counties of Wisconsin.)



**A Half Dozen Ears of Mr. Bishop's 1920 Crop of Golden Glow.  
GOLDEN GLOW. (Wisconsin No. 12.)**

**Yield Record, 134 Bushels per Acre in Fond du Lac County, Wisconsin.**



This is the corn that many have been looking for, something earlier than Silver King and Murdock Yellow Dent and yet large enough to make it a profitable variety for general culture. It matures safely as far north as north central Wisconsin.

In the "Two-Acre Wisconsin Yield Contest" carried on throughout the state in 1919 the highest seven records were all made on Golden Glow, ranging from 120 bushels per acre, the best yield, down to 98 bushels the seventh on the list. This contest was open to all varieties.

**Description.** Golden Glow is a cross of Wis. No. 8 and Toole's North Star, the idea being to produce a corn combining the extreme earliness of the former with the larger ears and deeper kernels of the latter. It is a pure golden yellow corn, most attractive in color and appearance. Ears are fairly large, averaging about 8 inches in length, symmetrical in shape, slightly tapering with exceptionally well-filled tips; kernels of good length for such an early corn. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

All our Golden Glow this year is Wisconsin grown. We have it both on the ear and shelled from R. H. Lang, Jefferson County and shelled from W. E. Bishop, Trempealeau County.

Mention the stock preferred. Mr. Lang is a son-in-law and neighbor of Mr. Brueckner of Murdock fame. Mr. Bishop has been growing and selling seed corn for over 30 years. He guarantees his corn absolutely and says he never had a complaint. He grades all his corn with a Hero Grader before shipping to us.

The corn we received from Mr. Bishop last year yielded 96½ bushels per acre and he said it was not only the nicest corn he had ever raised but that he never imagined he would be able to produce such fine corn.

This year the corn Mr. Bishop has furnished us is if possible even better than the corn of last year. It is graded almost perfectly, the kernels are all large and fine and

uniform in size and it is beautiful bright corn. We have a carload of it all the same high grade improved strain of Golden Glow. Our germination test on it is 98 per cent. Mr. Bishop wrote "I have tested the corn several times and while I am not prepared to guarantee 100 per cent germination, I think it will not fall far short."

In regard to the yield this past season, Mr. Bishop wrote Sept. 13, 1920, "My ambition for more than 30 years has been to raise a field of corn that would yield 100 bushels per acre and if I were as sure of Heaven as I am of getting that sort of a yield this fall, I would never need to bother about the future again." Later he wrote "I had 12 acres which were up to the 100 bushel standard. The other field lost out by reason of floods."

**PRICES OF GOLDEN GLOW FOR 1921.**

**Ears:** Pk., \$1.65; bu. (70 lbs. net, crate free), \$5.25; 5 bu. at \$5.10; 10 bu. at \$5.00.  
**Shelled:** By Mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; ½ pk., 70c; pk., \$1.40; bu. \$4.25; 5 bus. at \$4.10; 10 bu. at \$4.00. (2½ bushel cotton grain bags extra for shelled corn at 40c each.)

Wisconsin was ahead of Illinois in yield per acre of corn for the 10 years, 1910-1919. Our pure pedigreed varieties are the reason.

H. A. Gillis, Jr., Wis., writes May 12, 1920: "I hereby wish to advise you that I have rec'd the 100 lbs. of Pasture Mixture and also 35c which you have returned to me, by mail, everything in first class shape. I desire to express my utmost thanks to you for the prompt service which you have given this order. I received the sack of seed May 4th last O. K. In conclusion, I wish to state that I will give you my seed orders for whatever I may need in the future."



**R. H. Lang and His Prize Winning Golden Glow.**

# MURDOCK YELLOW DENT. (Wisconsin No. 13).

Sweepstakes Corn of the Northern Zone.



Murdock Yellow Dent is our favorite variety of corn, and all things considered we pronounce it the most desirable sort now in cultivation for the northern farmer.

It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910, and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, was the exhibitor of this corn. He has taken more than 35 premiums on it in the last 11 years. He says: "I have grown Murdock for over twelve years and have improved it a great deal by the selection of seed. I have taken a premium at every show where I have shown corn." We believe he has the finest, most even grade of corn in the state.

We have again contracted for all the Murdock Yellow Dent that Mr. Brueckner can furnish of his famous strain of this corn, and Brueckner Murdock can be secured nowhere else.

As to season, Murdock is decidedly early and perfectly safe to plant as far north as the geographical center of Wisconsin. It is a fine extra early also for Illinois, Iowa and other corn belt states. It is earlier than Silver King and will yield as much.

A further word about our Brueckner Murdock. Mr. Brueckner not only knows how to breed up corn but he knows how to select it. We never have to re-sort his corn. This is the twelfth year we have handled his Murdock and those who have had some of it during the past know just how fine it is. We ask more for it because it is worth more. Our other Murdock however is good stuff, and most of it from Brueckner seed.

Our other Wisconsin Murdock for this wear was grown by Mr. Robert Boese, a near neighbor of Mr. Brueckner's. Mr. Henry Anthes, another neighbor and Mr. John H. Accola of Sauk county. The ear corn is all from Mr. Boese. All of these stocks are very nice, are from Mr. Brueckner's seed originally and are true type of Murdock.

Farmers do not hesitate to buy Olds' Seed Corn because the price may look high. If you get something adapted to your farm and something that will give you corn, the price is of little consequence. You can well afford to spend a dollar an acre if necessary for good seed.

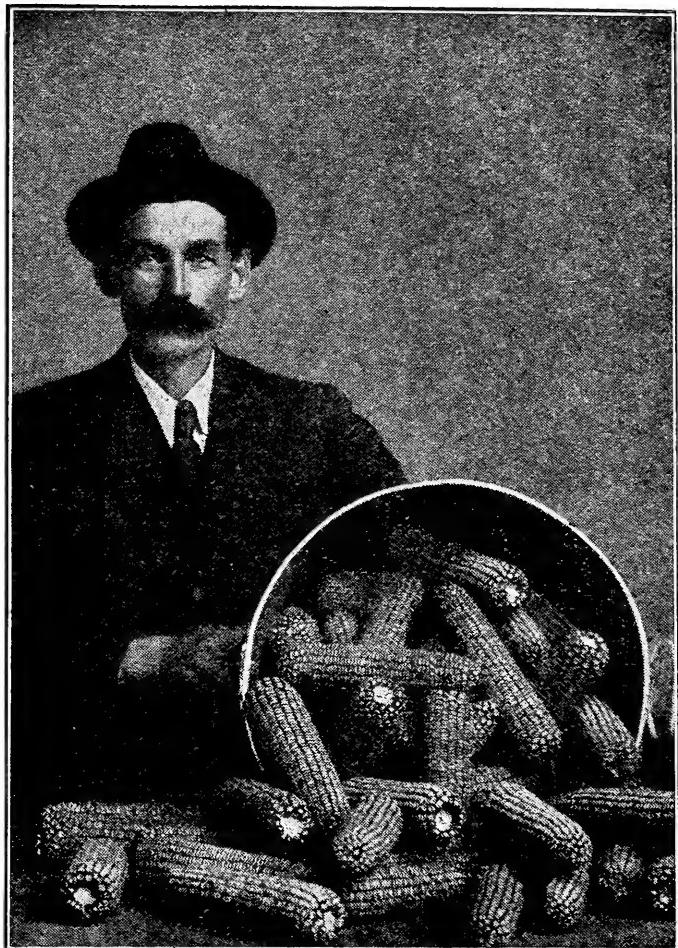
## PRICES OF MURDOCK YELLOW DENT FOR 1921.

Brueckner Stock, Ears: Pk., \$1.85; bu., \$6.00; 5 bus. at \$5.85; 10 bus. at \$5.75. Crates free.

Other Wisconsin Stock, Ears: Pk., \$1.60; bu., \$5.00; 5 bus. at \$4.85; 10 bus. at \$4.75.

Brueckner Stock, Shelled: By mail: Lb., 30c, 3 lbs., 80c. By freight: Lb., 25c;  $\frac{1}{2}$  pk., 80c; Pk., \$1.60; bu., \$5.00; 5 bus. at \$4.85; 10 bus. at \$4.75. Bags extra.

Other Wisconsin, Shelled: Pk., \$1.35; bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75.



Mr. Brueckner and His Sweepstakes Corn.

## A RECORD TO BE PROUD OF.

The following is a list of premiums won by Mr. Brueckner on his Murdock corn:

First and Sweepstakes on 10 Ears, National Corn Exposition, 1909.

First and Sweepstakes on Single Ear, National Corn Exposition, 1910.

Gold Medal on Single, Ten and 50 Ears, Panama-Pacific International Exposition, 1915.

First on 10 Ears, Wisconsin State Fair, 1914.

Second on 50 Ears, Wisconsin State Fair, 1916.

First on 50 Ears, Wisconsin State Fair, 1917.

First on 50, Second on 10, Wis. State Fair, 1919.

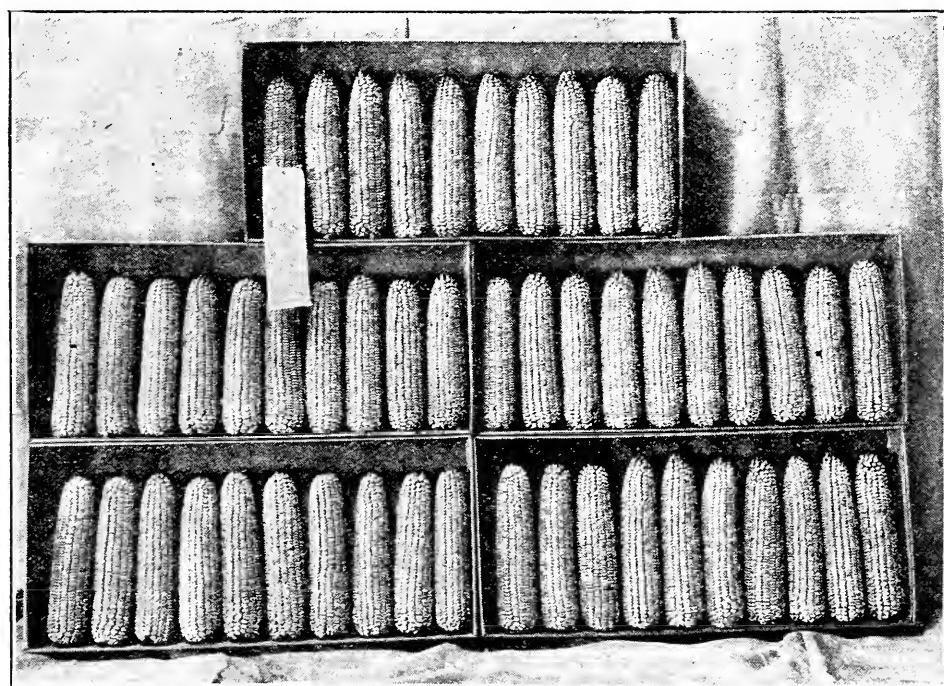
First on 10 Ears, First on 50 Ears, Wisconsin State Fair, 1920.

Ten Firsts and Three Sweepstakes, Wisconsin Pure Bred Grain Show, 1909, 1910, 1911, 1914, 1916, 1917, 1918, 1919, 1920.

First on 10 Ears, Jefferson County Pure Bred Grain Show, 1912, 1913, 1914, 1915, 1917, 1918.

First on Single Ear and on 10 Ears, Jefferson County Fair, 1919.

Second on 20 Ears, International Grain Show, 1919.



THE FIRST PRIZE 50-EAR SAMPLE OF MURDOCK AT THE WISCONSIN PURE BRED GRAIN SHOW, FEB. 1920, EXHIBITED BY H. C. BRUECKNER.

## SILVER KING (Wisconsin No. 7)

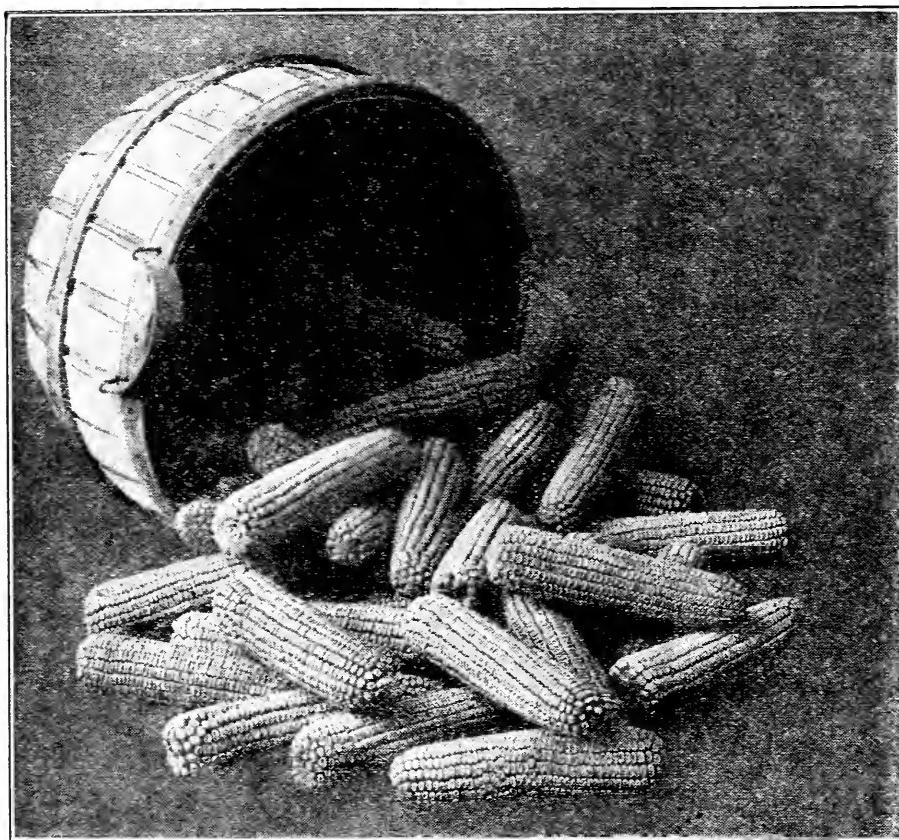


Silver King is the best known of all-around good varieties of corn adapted to latitude of Southern Wisconsin. It has become immensely popular and has really revolutionized corn growing in Wisconsin, putting us as a state ahead of most of the corn belt states in yield per acre, a great triumph for Silver King.

**History:**—This corn originated in Northern Iowa. It was brought to Wisconsin a few years ago and has been developed and improved and sent out over the state through the members of the Wisconsin Experiment Association. Ours was the first seed house to offer it, cataloging it for the first time in 1907. It has yielded at the Wis. Ex. Station 98 bushels per acre and the average yield for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties.

The greatest yield for Silver King thus far reported and the yield record for Wisconsin, all varieties, is 137 6-10 bushels per acre. This was the amount of shelled corn production on one acre of ground in 1913, by Heiron Block of Racine County, in the acre contest.

**Description:**—In appearance the corn is a beauty. Note the accompanying illustration. Ears just the right length, averaging 8 to 9 inches, always filled out clear to the tips, and very uniform in size and type. The corn is pure snow-white in color. It has a decided double-ear characteristic, one reason for its yield records. A very popular corn with Wisconsin farmers for filling silos, and probably the very best variety for that purpose.



Our stock of Wisconsin Silver King this year was mostly grown in Jefferson and Sauk counties, but we have one lot from near Oshkosh and will use that on our northernmost orders. Our Nebraska stock will answer for silage.

### PRICES OF SILVER KING OR WISCONSIN NO. 7 FOR 1921.

Wisconsin Grown, Ears: Pk., \$1.75; bu., \$5.50; 5 bus. at \$5.35; 10 bus. at \$5.25. Crates free.  
Wisconsin Grown, Shelled: By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c;  $\frac{1}{2}$  pk., 75c; pk., \$1.50; bu., \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25. (Bags extra for shelled corn, 40c each)  
Nebraska Grown, Shelled: Pk., \$1.10; bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.

### EARLY NORTHERN WESTERN DENT.

A very famous corn with northern growers. It is in a class by itself, having red kernels with a yellowish cap, being a cross between a red flint and a yellow dent.

The type now has become well established and the corn is uniform. Very early. Our stock is Nebraska grown.

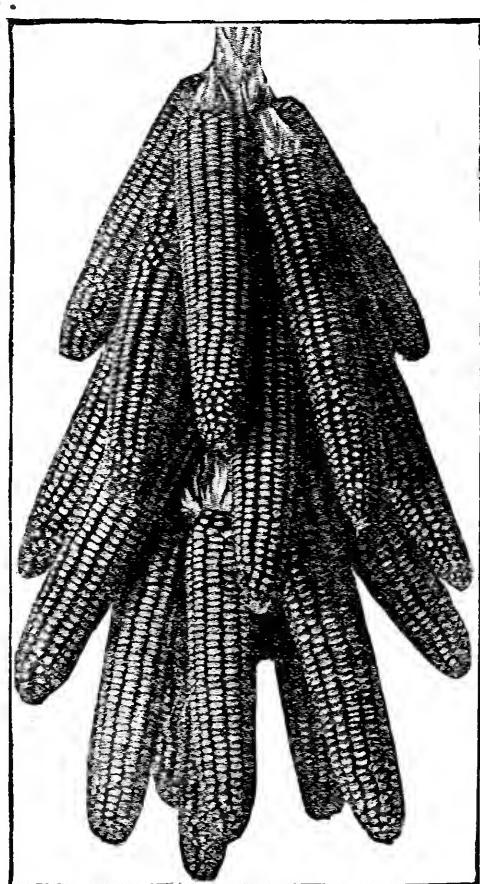
Prices: Pk., \$1.10; bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.

### ABOUT TESTS.

Our Wisconsin Seed Law requires that all Field Seeds be tested for both purity and germination and the tests must appear on the shipping tags. We do not print the tests in the catalog for the reason that our stocks are not all ready at the time the catalog is written and so we cannot give the exact tests. Our corn will all show up fine this year however, close to 100 per cent. We print the tests of all varieties on our "Weekly Price List," corrected each week beginning Feb. 1st. These price lists are furnished free on application. Also samples of corn and other seeds as desired.



Silver King or Wisconsin No. 7.  
This shows the style of crate we use. Tops and bottoms are tight, sides lined with wire cloth.



Ears of Northwestern Dent.

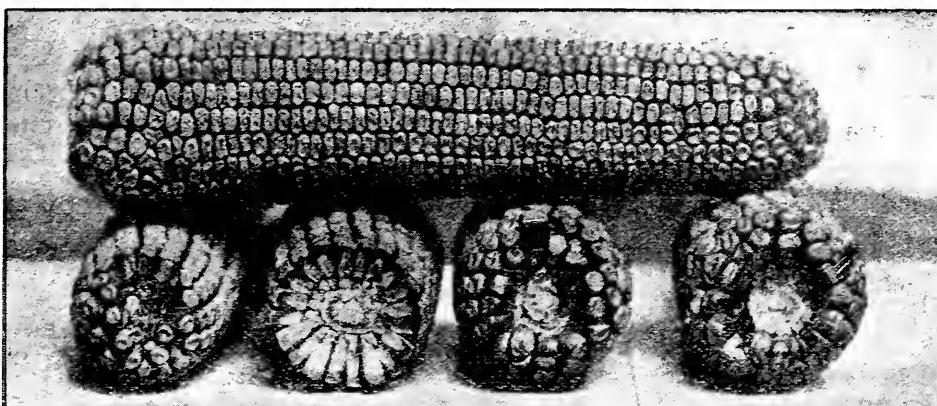
## WESTERN GROWN AND FODDER CORN.

The corn offered on this page is mostly Nebraska grown. That means of course that it will be later in maturing than Wisconsin corn. It is all good seed corn however, is well graded and shows high germination tests.

### REID'S YELLOW DENT.

Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the North for silo.

Prices, Nebraska Grown, Shelled: Pk., 1.00; bu., \$3.00; 5 bus. at \$2.85; 10 bus. at \$2.75. Bags extra at 40c.

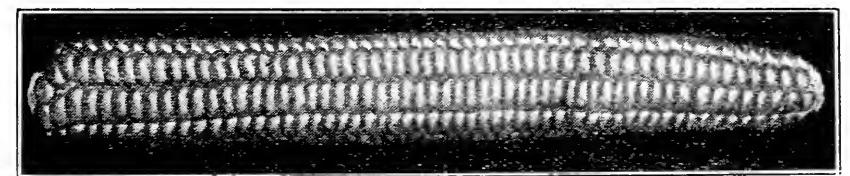
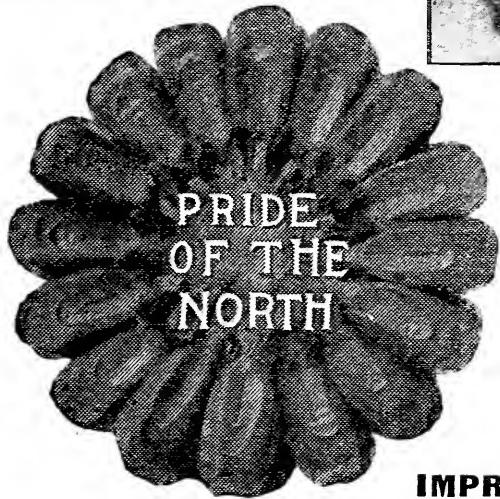


Reid's Yellow Dent, A Very Popular Yellow Corn.

### PRIDE OF THE NORTH.

The old, well-known standard extra early Yellow Dent. A strictly 90-day corn. Ears not large, but kernels very deep with very small cob. Probably no variety furnishes as large a percentage of shelled corn. Ears about 7 to 8 inches long, often two on a stalk.

Nebraska Grown, Shelled: Pk., \$1.10; bu., \$3.25; 5 bus. at \$3.10; 10 bus. at \$3.00.



### IMPROVED SMUT NOSE FLINT.

Developed, improved and sent out by the Wisconsin Experiment Station. They consider it more prolific than any other Flint and it also has a better stock. It has a long ear with eight rows of large yellow kernels. Our stock of this variety is not western grown but was grown in Dodge County, Wisconsin and is a very choice lot.

Prices, Shelled: Pk., \$1.65; bu., \$5.00; 5 bus. at \$4.85.

### EARLY LONGFELLOW FLINT.

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with slender, straight ears, 10 to 15 inches long. Ripens in 75 to 85 days. Our stock is Nebraska grown.

Prices, Shelled: Pk., \$1.35; bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75.

### SANFORD'S WHITE FLINT.

A heavy yielding, 8-rowed flint with large ears. The ears are 12 to 15 inches long with large, broad kernels of a flinty white color. Stalks are tall and leafy with usually 2 or 3 ears each. Popular with dairy farmers.

Pk., \$1.25; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50. (Nebraska grown.)

### COMPTON'S YELLOW FLINT.

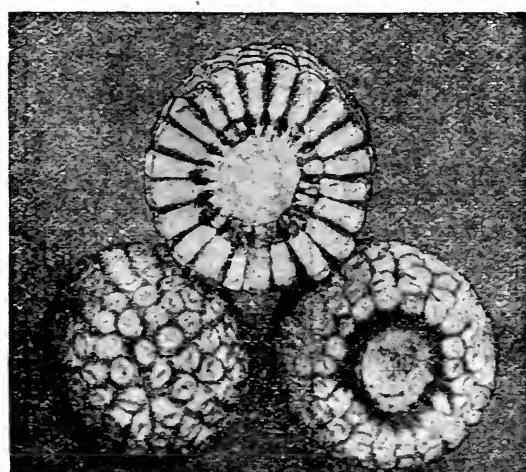
An extra early variety, with large ears, which average 10 inches long and are 12 to 14 rowed. The ears are well filled to the tips with small, rich golden-yellow kernels. The stalks grow 10 feet high, and often produce 2 and 3 ears each. This is a very productive variety.

Nebraska Grown, Shelled: Pk., \$1.35; bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75.

### GIANT RED COB ENSILAGE.

A very large pure white corn with red cob. It grows the largest doubtless of any variety of corn and is the favorite for planting in the North where a large growth of green fodder is desired. There is nothing better to plant for cutting up and feeding green right from the field and where it is not desired to grow ears it will prove the most profitable for the silo. Our stock is Missouri grown.

Prices: Pk., 80c; bu., \$2.50; 5 bus. at \$2.35; 10 bus. at \$2.25.



Improved Leaming.

### IMPROVED LEAMING.

The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in Wisconsin and is in great demand in the north as a silage corn.

Nebraska Grown, Shelled: Pk., \$1.00; bu., \$3.00; 5 bus. at \$2.85; 10 bus. at \$2.75.

### EVERGREEN SWEET FODDER CORN.

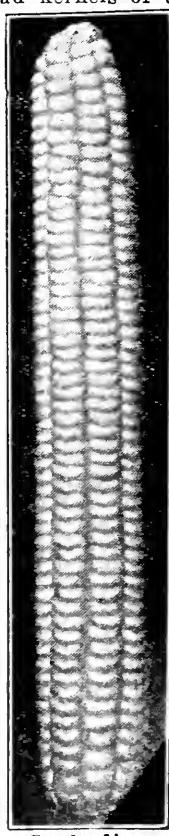
A fodder grade of Stowell's Evergreen Sweet Corn. For description and for other Sweet Corn see Garden Seed pages. Stock offered is whole crop, not screenings.

Prices: Pk., \$1.40; bu. (45 lbs.), \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25.

Any variety of corn on our list except Wis. No. 25—By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 3 lbs., 65c. Samples showing tests free. Half pecks at peck rates, half bushels at bushel rates. Bushel sacks extra at 15c for quantities over one peck, grain bags holding 2 1/2 bus. 40c each.

Sample ear, any variety offered on the ear, by mail, 30c. By freight or express, 25c. This may be deducted from first order for one bushel or over.

Prices of corn are subject to change after Feb. 1st.



Sanford's.

# OLDS' SEED OATS

Choice Seed Oats are another speciality of ours. Our oats, as a rule, are grown for us on contract. We furnish the stock seed. Seed is treated for smut. The oats are thoroughly cleaned and all light oats blown out. It will pay any farmer well to change seed and get some of Olds' seed oats of new and improved varieties. Our stock is mostly grown right here in our home county, some in other sections of the state by members of the Wisconsin Experiment Association. Wisconsin was ahead of Michigan, Minnesota and Indiana in average yield of oats per acre for the 10 years 1910-1919.



Part of 100 Acre Field of Wisconsin Pedigree No. 7 Oats on the H. E. Krueger Farms. Total yield of field 10,096 bushels, or over 100 bushels per acre.

## WISCONSIN PEDIGREE NO. 7

### King of the Extra Early Varieties.



A new pedigreed variety of oats originated at the Wisconsin Experiment Station. We were the first to offer it, cataloging it for the first time three years ago.

**History.** Pedigree No. 7 is of Kherson origin. It came originally from the Kherson district of Russia to the Nebraska Experiment Station. In 1911, breeding work was begun on it at the Wisconsin Station. It was grown in the test plots at that Station as a pedigreed variety for 5 years, and during that time showed some remarkable yields, several times over 100 bushels per acre and one year as high as 111 bushels per acre.

**Description.** Wisconsin Pedigree No. 7 is a yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. It is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This is of great importance as it escapes the rust so apt to hit oats just before harvest.

It has the stiffest straw and has stood up the best of all oats at the Wisconsin Station Farm. This means a great deal. In 1917 when heavy storms lodged other oats so that they could not all be secured by the binder Wisconsin No. 7 stood up perfectly and there was no loss in cutting. They yielded a third more per acre than Pedigree No. 1 just because of this one thing.

Another thing about this new oat is its hardiness. Prof. Leith says it is the hardest of anything, resists heat and withstands unfavorable conditions. He recommends it for sandy land especially, as well as for rich black soils not ordinarily adapted to oats. At the same time it seems to be a very satisfactory oat for clay soils and all other soils and is really an all-around good variety.

Mr. H. E. Krueger, Wisconsin's famous grower of pedigree grains has been a constant booster for this variety. We show above a photograph of a 100 acre field of Mr. Krueger's that yielded over 10,000 bushels.

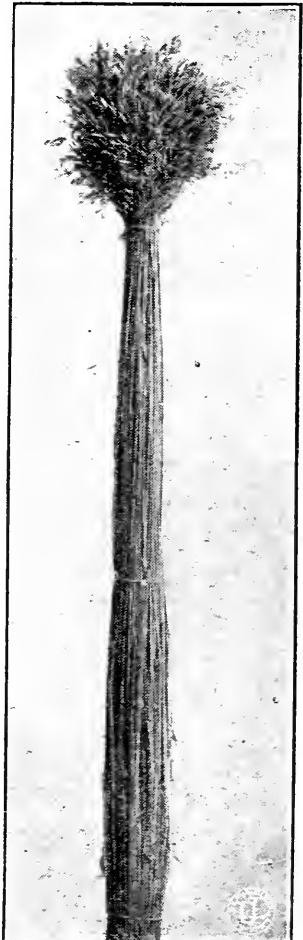
This oat has increased in popularity each year since its first introduction. We grow more each year than the preceding year but never have enough, always running out before the season is over. This year we have a fine large stock from some of our best growers in Dane County and other sections and they are brighter and heavier than we have ever seen them before. We know they will please. Get your order in early before we are sold out.

To sum up, Wisconsin Pedigree No. 7 excels in hardiness, extreme earliness, resistance to heat and rust, stiffness of straw, adaptability to hard conditions and heavy yielding qualities. We recommend it very emphatically.

### PRICES OF WISCONSIN PEDIGREE NO. 7 FOR 1921.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c;  $\frac{1}{2}$  pk., 30c; pk., 50c; bu. \$1.40. (Sack extra, 15c.)  $2\frac{1}{2}$  bus. at \$1.30; 10 bus. at \$1.25; 25 bus. or over at \$1.20. ( $2\frac{1}{2}$  bushel sacks extra at 20c.)

Oat prices do not include sacks except in small quantities, peck or less, and prices are subject to change after Feb. 1st. They may be higher, they may be lower.



Sheaf of Wis. No. 7.



Wisconsin Pedigree No. 1 on Wisconsin University Farm. This Plat Yielded 110.6 Bushels per Acre, the Highest Yield of All Oats Tested.

## WISCONSIN PEDIGREE No. 1.

**OLD SEED CO.  
MADISON WIS.** A wonderfully valuable oat introduced about eight years ago. It has already become in the eight years' time one of the most popular and most sought after of all varieties of oats, surpassing even the celebrated Swedish Select. Out on the University Farm they called it the "best oat in the world."

**History.** Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station from a variety called Wisconsin Wonder or Improved Bonanza. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Assoc. for trial. Pedigree No. 1 proved the best of all and gave splendid results in every section.

**Description.** Wisconsin Pedigree No. 1 is a pure white oat, good sized, a little longer in grain than Swedish Select, with a somewhat shorter and stiffer straw and a little earlier in ripening, but not extra early like Pedigree No. 7. At the Wis. Ex. Station they make quite a point of the stiffness of the straw. They say: "It is the best oat for medium rich soils thus far bred at the station farm. It will stand up on rich river bottom land and similar locations where Swedish Select usually lodge."

**Yield.** The average yield of Wisconsin Pedigree Oats for 1913 as reported by 166 members of the Wis. Ex. Association was 52.8 bushels per acre as compared with 41.5 bushels, the average for all other varieties in Wisconsin; an increase of 27 per cent.

C. B. Thorpe of Grant County, Wisconsin, threshed 300 bushels Wisconsin Pedigree No. 1 in 1917, from 6 bushels of seed procured of us and sown on 2½ acres, 120 bushels per acre.

**Value.** We consider this one of the most valuable oats ever introduced. It is giving satisfaction everywhere. The oats are heavy, good sized, with thin hull, outyield nearly everything, will grow on rich soils and stand up. We have a fine stock grown mostly in Dane County by our reliable farmers. They are very bright this year.

### PRICES OF WISCONSIN PEDIGREE NO. 1.

By Mail: Lb., 25c; 3 lbs., 50c. By Freight: Lb., 20c;  $\frac{1}{2}$  pk., 25c; pk., 45c; bu. \$1.30; 2½ to 10 bus. at \$1.20; 10 bus. at \$1.15; 25 bus. at \$1.10. (Sacks extra at 20c.)

## SILVER MINE.

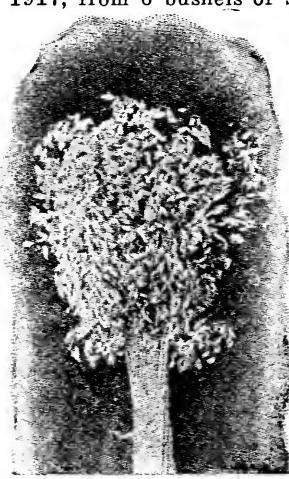
A well-known and very popular variety, first introduced in 1895. A plump, white oat, quite an early variety with smooth shiny kernels. Always free from awns. We have some nice stock.

**Prices:** Pk., 45c; bu., \$1.25; 2½ to 10 bus. at \$1.15; 10 bus. at \$1.10; 25 bus. or over at \$1.05. (Sacks extra.)

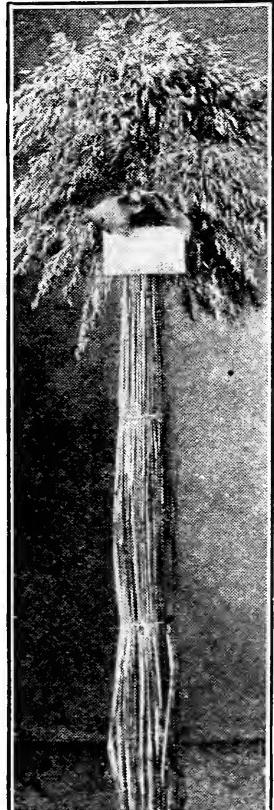
## GOLD MINE.

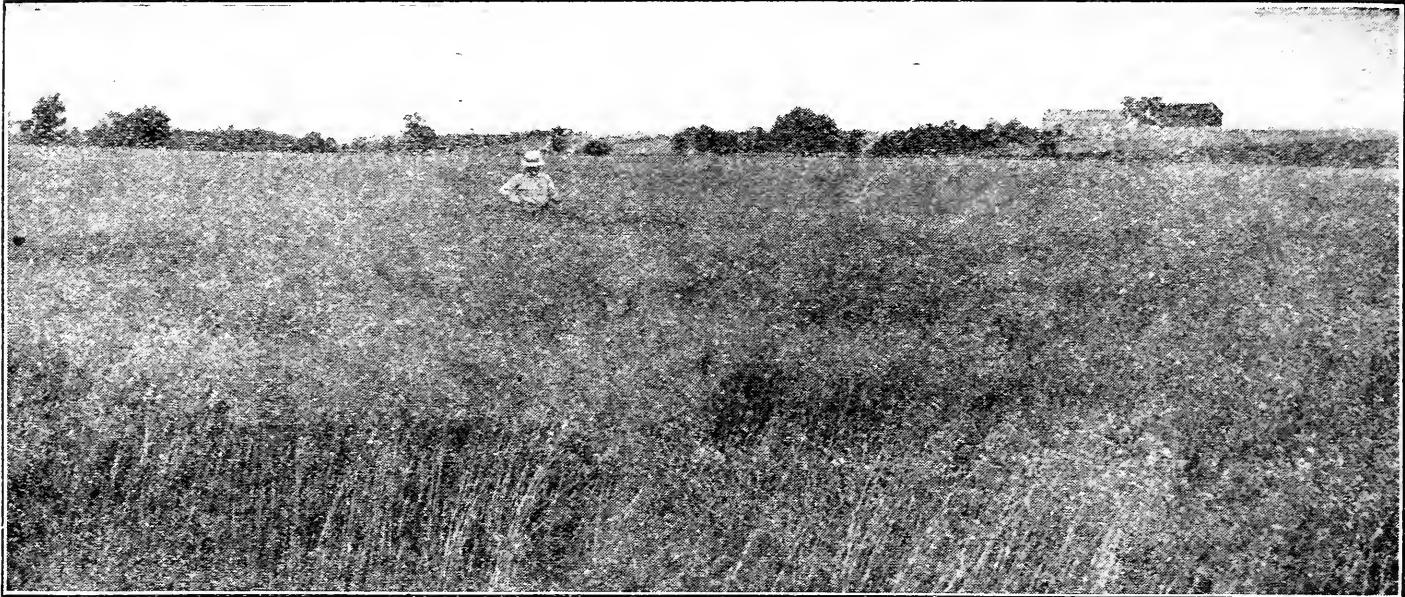
We regard Gold Mine as a sort of an ironclad. It makes a big strong growth, 4 feet high or more, with splendid stiff straw and large bushy heads. The grain is heavy, plump and of large size. The hull is very thin and oats very attractive, of a shiny golden yellow color. They always yield well whether the season is favorable for oats or not. Very popular with Dane County farmers.

**Prices:** Pk., 45c; bu., \$1.25; 2½ to 10 bus. at \$1.15; 10 bus. at \$1.10; 25 bus. at \$1.05. (Sacks extra.)



Silver Mine.





White Kherson on Farm of Henry E. Krueger. 30 Acres Averaged 108 Bushels Per Acre.

### OLDS' WHITE KHERSON. (Iowa No. 103).

**LLOYD'S SEED CO.  
MADISON, WISCONSIN**

Olds' White Kherson is a distinct new variety which originated at the Iowa Experiment Station. It was first sent out for trial eight years ago to a select list of a few prominent farmers including Mr. H. E. Krueger, Wisconsin's famous grain expert. Mr. Krueger named these oats 'White Kherson' because they possessed so many of the characteristics of the Kherson, being just as early but white instead of yellow. He says of them "They beat the Swedish Select 12 bushels per acre in 1913 and 28 bushels in 1914. They grow a short stiff straw so that every bundle is a mass of oats and we do not have to handle a lot of worthless straw." Mr. Krueger says they yielded 20 bushels more per acre than Wisconsin Pedigree No. 1, were 2 weeks earlier and were heavier, running 3 bushels per bag. This was in 1914. In 1915, they yielded 108 bushels per acre on Mr. Krueger's farm and this was the average for 30 acres and in 1916 Mr. Krueger wrote: "Our yield on one of our fields was 118½ bushels per acre by actual weight and measured land. I find White Kherson fine to get a catch of clover or alfalfa with; just as good as barley in that respect; and their earliness gets them ahead of hot weather."

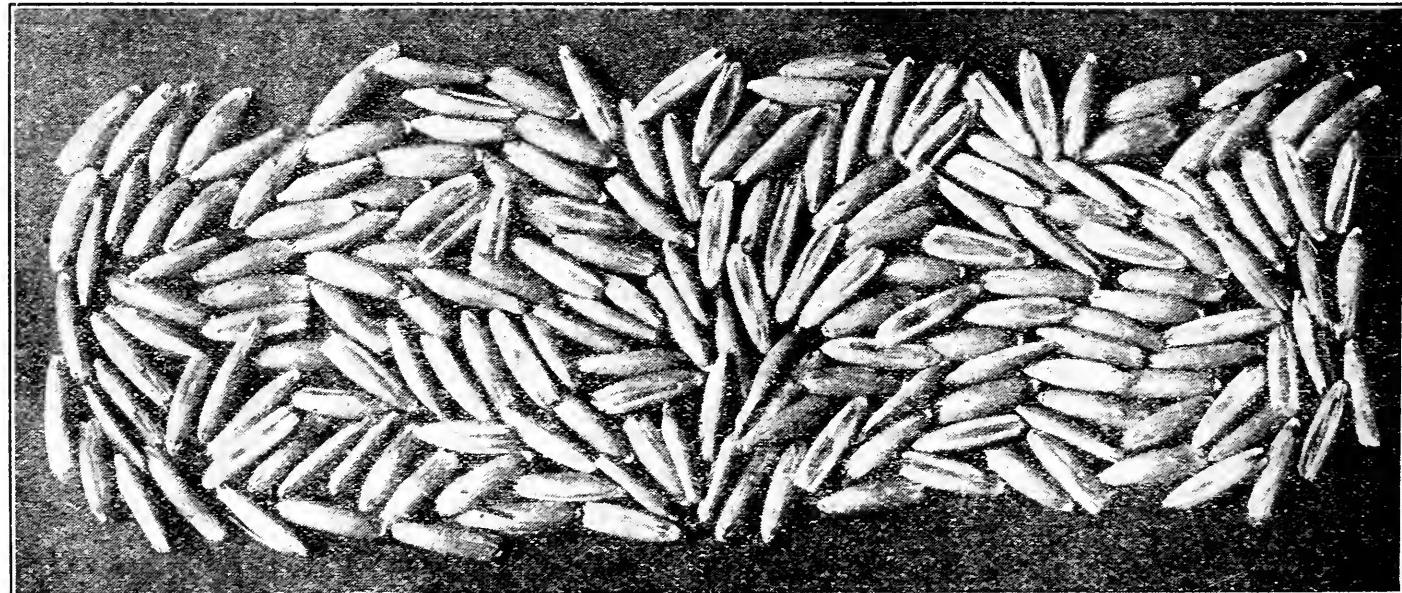
Mr. Krueger showed these oats at the Dry Farming Congress Exhibition at Wichita, Kansas in 1914 and in 1915 and secured both years "First on White Oats, Open to the World" and then "Sweepstakes" On All Oats.

Prof. Burnett of the Iowa Agricultural College says: "Iowa No. 103 is a 'pure line.' It is an early white oat that resembles the Kherson in its manner of growth. It has outyielded the Kherson both here at the Station and in the farmers' tests the last two seasons."

We have a fine large stock of this variety this year, part Wisconsin grown, part Iowa grown.

#### PRICES OF OLDS' WHITE KHERSON.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 25c; pk., 45c; bu., \$1.30; 2½ to 10 bus. at \$1.20; 10 bus. at \$1.15; 25 bus. or over at \$1.10. Sacks extra.



Olds' Scottish Chief. A Wonderful Oat. Large, heavy, white shiny kernels.

### OLDS' SCOTTISH CHIEF.

**LLOYD'S SEED CO.  
MADISON, WISCONSIN**

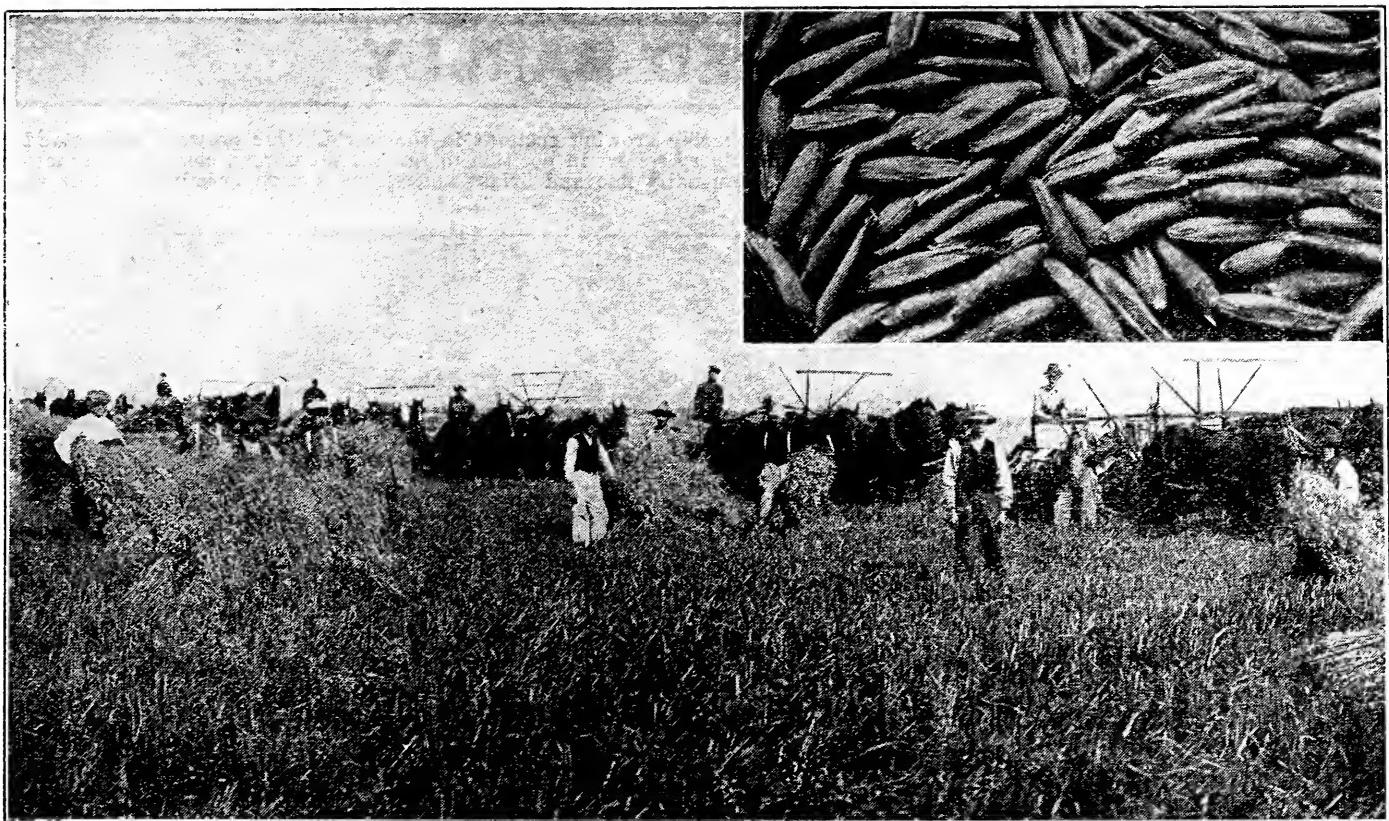
A new variety that we introduced a few years ago. A thoroughbred, imported from Scotland. It is a tremendously vigorous grower, with strong stiff straw and large bushy heads filled with the largest, pure white, plump heavy oats. It is emphatically "a show oat" and on account of its fine appearance will always command the very best price on the market.

Our Scottish Chief, as grown for us on the farm of Mr. J. M. Blaska, near Madison, were again about at the top in the oat line anywhere in this section, and for appearance nothing is ahead of them. They stood up perfectly, were as high as a man's head and were absolutely free from smut, making a splendid yield of large, heavy, very attractive white oats.

We want to see a lot of our friends who are looking for some better oats for 1921 sow these Scottish Chief.

#### PRICES OF OLDS' SCOTTISH CHIEF.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 30; pk., 50c; bu., \$1.40; 2½ to 10 bus. at \$1.30; 10 bus. at \$1.25; 25 bus. at \$1.20. (Sacks extra.)



Harvesting Regenerated Swedish Select in Alberta, Canada. Yield, 110 Bushels Per Acre. Grains in Upper Corner  
**REGENERATED SWEDISH SELECT**

**LLOD'S SEED MADISON WIS.** Regenerated Swedish Select originated with the Garton Seed Company of England. To "regenerate" is to make new, to re-create, and that is just what was done by the Garton people. They gave us something ahead of the original Swedish Select. They produced the finest oats ever seen in this country, heavy and plump and perfectly pure.

Now we have a stock of American Grown Regenerated Swedish Select that we believe is ahead of the English grown stock, because better adapted to American conditions. It is all from the Garton seed originally.

For clay soils there is no better variety of oats than Regenerated Swedish Select. You can just as well increase your oat yield 25 to 100 per cent by using this seed. The three-kernel feature, a very common thing with Regenerated Swedish, is one reason for the splendid yields.

Prices: Pk., 45c; bu., \$1.35; 2½ to 10 bus. at \$1.25; 10 bus. at \$1.20; 25 bus. at \$1.15. (Sacks extra.)

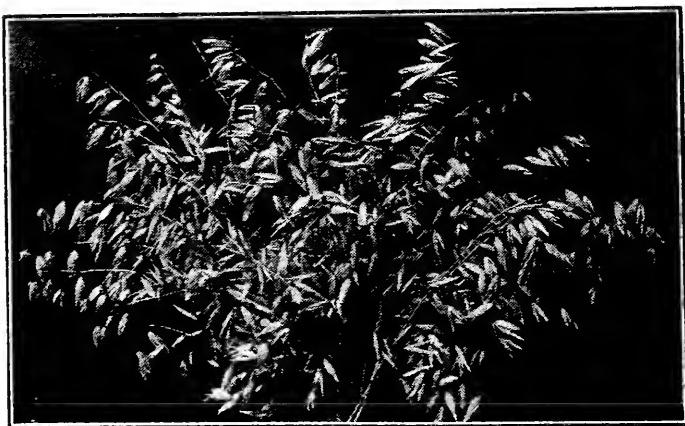
### WISCONSIN PEDIGREE No. 5.

**LLOD'S SEED MADISON WIS.** A Pedigree Oat originated at the same time as Wisconsin Pedigree No. 1 at the Wisconsin Experiment station. It is very different in type from the No. 1 and has an entirely different origin, having been developed from Swedish Select. It is therefore in reality an improved Swedish Select.

Wisconsin Pedigree No. 5 is a very thick white oat, kernels rather short, heavy and attractive looking and it is a great show oat. It has made some splendid yield records.

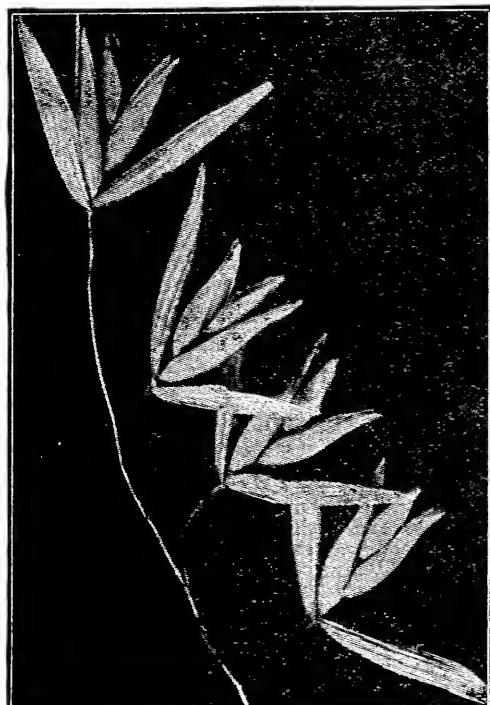
We recommend it for all clay soils and all land that is considered good oat land but not for heavy rich soils.

Prices: Pk., 45c; bu., \$1.30; 2½ bus. at \$1.20; 10 bus. at \$1.15; 25 bus. at \$1.10.



Wisconsin Pedigree No. 5.

One pound any variety oats, 25c by mail; 3 lbs., 50c. By freight: 1 lb., 20c; ½ pk., 25c. Half bushels at bushel rates. Oat prices are subject to change after February 1st. Ask for "Weekly Price List." Sacks are extra for all oats at 20 cents each, 2½ bushel size. One bushel sacks, 15c. Ask for free samples of any varieties of grain or field seeds, showing tests,



Three kernels in a pod, a common thing in the Regenerated Swedish Select. This is what breeding does. Makes the yield.

# OLDS' SEED BARLEY

We are located right in the midst of one of the best barley growing sections in the world. Our growers understand how to raise good seed. With our improved cleaning machinery we are in position to furnish the purest, cleanest and most uniform grain possible to secure. Our stock this year is unusually fine and bright and shows a high germination test as well as being plump and heavy.



Wisconsin Pedigree No. 5, Grown by J. M. Blaska, Near Madison. This Field Averaged 50 Bushels Per Acre.

## WISCONSIN PEDIGREE BARLEY.

### THE WORLD'S CHAMPION BARLEY.

**LL COUP SEED C**  
Wisconsin is a great barley state and Wisconsin barley leads the world. In average yield per acre Wisconsin was ahead of Iowa, Minnesota and Michigan, the principal other barley states, for the 10 years, 1910 to 1919. Twenty-five years ago, in 1895, Manshury barley was first sent out by the Wisconsin Ex. Station. This variety nearly doubled the yield of common barley and was worth millions of dollars to the farmers of Wisconsin alone. Later came Mandschueri, an improved Manshury, and then in 1907, Oderbrucker was first offered and this was ahead of anything else up to that time. Now we have Wisconsin Pedigree, the greatest of all six-rowed barley.

There is really only one variety of barley in the world now worth considering—Wisconsin Pedigree.

The following are reasons why "Wisconsin Pedigree Barley" is of such great value:

First:—It outyields all others. The average yield in Wisconsin for 5 years was 36½ bushels per acre, an increase of 22 per cent over the yield of all other barley.

Second:—Plumpness of Grain. All who have grown it notice the unusually plump kernels.

Third:—Stiffness of Straw. Stands up better than Oderbrucker or Mandschueri.

Fourth:—Vigor of Growth. Taller than any other barley. We have measured stalks five feet high.

Fifth:—Uniformity. All the kernels are alike, an important matter with barley.

Sixth:—Perfect Development. Heads are more completely filled out than with any other variety.

Seventh:—Large Heads. Many speak of the unusually long, large heads.

**PEDIGREE NO. 5.** There are several different strains or numbers of Wisconsin Pedigree Barley. Ours is Pedigree No. 5 of Oderbrucker origin and this is the one that has taken so many prizes. We secured our original seed stock of Mr. H. E. Krueger who had this barley two years ahead of others. Mr. Krueger says of it:

"I have grown the Wisconsin Pedigree Barley No. 5 the past 13 years. It is the best barley I have ever grown, all points considered. It has yielded 65 bushels per acre on our farm. It has the stiffest straw, plumpest berry, stands up best and yields the most per acre of any barley I have ever seen." Mr. Krueger has made himself as well as the state of Wisconsin famous through the prizes he has won.

Our Pedigree No. 5 this year was grown right near Madison by our best farmer growers, J. M. Blaska, who has grown for us for eleven years straight, John Blaska, E. J. Drunasky, R. O. Gmeinder, Walter McCoy, Chas. Nichols, William Birkinbine and others. The stock all shows high germination tests and is fine seed barley, pure, clean and bright. There is no better barley section in the world than Dane County, Wisconsin, and we are Headquarters for Seed.

### PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1921.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 35c; pk., 60c; bu. (48 lbs.) \$2.00; 2 bus. at \$1.90; 10 bus. at \$1.85; 25 bus. or over at \$1.80. Heavy jute sacks, holding two bushels each, extra at 20c. One bushel sacks at 15c. Barley prices are subject to change after Feb. 1st.

#### 780 Bushels Pedigree Barley from Ten Acres.

Chas. E. Tallmadge, Illinois, writes: "I sowed 9 bushels of Marquis wheat on 5 acres from Montana seed bought of you last spring and threshed 270 bushels of fine wheat, using 5 pounds of twine to the acre binding. Also bought Wisconsin Pedigree Barley of you. Sowed 24 bushels and threshed 780 bushels from 10 acres."

John M. Grueter, Wisconsin, writes: "The Barley, Wisconsin Pedigree No. 5, received from you gave 39 bushels from one-half acre. The seed looks better and plumper than what I got from you."

#### 70 Bushels Per Acre—Finest Ever Grown in the County.

Wm. Lillis, Scott Co., Iowa, writes: "My order was for 25 bushels Barley and 25 bushels Oats. Each lot covered 12 acres. The Barley yielded 70 bushels per acre of fine, heavy grain and the Iowa No. 105 Oats yielded 77 bushels per acre. I must say the Oats and Barley were the finest fields that ever grew in this county, the oats in particular, medium straw, short, heavy, compact heads, plump berry, the most perfect oats ever produced. I want to thank Olds' Seed Company very much for such grand seed."

## OLDS' MONTANA WHITE HULLESS.

No Beards or Hulls. Yields 60 Bushels Per Acre.

White Hullless is different from any other barley. The grain looks like wheat. It is almost as heavy as wheat, equal to wheat in feeding value, and will yield nearly twice as much. It succeeds in all barley-growing regions, and also in sections where common barley is not grown at all.

It is very early, thus making a splendid nurse crop for seeding with clover; is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for a hay crop. It yields as high as 60 bushels per acre, and for feeding value is not surpassed by any other grain. Sow in spring, 1½ bushels per acre, and treat just as you would any other barley. Specially fine for poultry and for grinding for hogs.

For several years we have been having White Hullless Barley grown in Montana as it grows there to perfection. Our customers who have had this seed know how fine it is. Plump, fat kernels of a beautiful bright color, it looks like the finest grade of wheat, only the kernels are larger. Our stock this year is very fine and genuine Montana grown.

Prices, By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 60c; pk., \$1.10; bu., (48 lbs.) \$3.40; 2 to 10 bus. at \$3.30; 10 bus. at \$3.25; 25 bus. at \$3.20. Grain bags extra at 40c.

## ODERBRUCKER.

(WIS. NO. 55.)

Oderbrucker Barley was first offered in 1907. It is the best six-rowed barley in cultivation with the exception of Wisconsin Pedigree. Prof. Moore says its feeding value should be especially emphasized as it has a protein content of 15 per cent, or nearly double the amount of protein found in most other varieties. It is a stiff strawed, heavy-yielding, bearded variety.

Prices: ½ pk., 35c; pk., 60c; bu., \$1.90; 2 to 10 bus. at \$1.80; 10 bus. at \$1.75; 25 bus. or over at \$1.70. Sacks extra at 20c.

## SPELTZ OR EMMER. THE GREAT RUSSIAN GRAIN.

Every farmer ought to sow some speltz. It makes a splendid feed and lots of it. With our growers it averages over one-third more bushels per acre than barley. Note the following points:

First. It is perfectly hardy and can be grown anywhere.

Second. It yields more bushels per acre than either oats or barley.

Third. It is specially adapted to dry regions and to localities that are subject to hot, dry summers, as it withstands drouth.

Fourth. It has such a very stiff straw that it stands up when oats and barley lodge. The straw is about as stiff as rye straw.

Fifth. It makes a well balanced feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Prof. Wilson, of the S. D. Ex. Station, in a careful experiment with feeding calves, found speltz worth 40 per cent more than corn, pound for pound.

Sow the same as barley or oats about 100 pounds or 2½ bushels per acre. It ripens about with oats.

Prices—By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu., (40 lbs.) \$1.65; 100 lbs., \$4.00; 500 lbs. at \$3.90; 1,000 lbs. at \$3.85. Sacks extra at 20c.

## PRIMOST FLAX. (MINNESOTA NO. 25.)

This is a new pure-bred variety of flax from the Minn. Ex. Station. Pronounced by them the "best yielding variety."

Prices—By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; ½ pk., 75c; pk., \$1.40; bu., (56 lbs.) \$4.25; 2 to 10 bus. at \$4.15; 10 bus. at \$4.10. Bags extra at 40c.

## NO. 52 RESISTANT FLAX.

A new variety recently developed at the North Dakota Agricultural College. It is wilt-resistant and rust-resistant. Prof. Bolley is recommending it to all flax growers. Prices: Same as for Primost.

### COMMON FLAX.

In addition to the other flax we offer, which is all Dakota and Minnesota grown, we have some nice clean Common Flax grown right here in Wisconsin near Madison. We offer this at a low price while it lasts.

Prices: Pk., 1.30; bu., \$3.75; 2 bus. at \$3.65; 10 bus. at \$3.60; 25 bus. at \$3.55. Bags extra.

### JAPANESE BUCKWHEAT.

A popular early variety of buckwheat. It grows a large, heavy straw, with many branches, and succeeds well in the extreme north. About a week earlier than Silver Hull. The grain is very large, of dark brown color.

Sow from June 10 to July 10, one bushel per acre.

Prices—By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 60c; bu., (50 lbs.) \$2.00; 2 to 10 bus. at \$1.90; 10 bus. at \$1.85; 25 bus. or over at \$1.80. Sacks extra at 20c.

### SILVER HULL BUCKWHEAT.

Silver Hull has a rather small grain, light gray in color nearly round in shape. Our farmers here in this section are sowing Silver Hull quite generally now in preference to Japanese. Prices, same as for Japanese.

### MIXED BUCKWHEAT.

Many growers consider it an advantage to mix Japanese and Silver Hull for sowing. The Japanese is taller than the Silver Hull but less branching. The two together fully occupy the land and the result is a larger yield. We have quite a stock this year already mixed as it is grown that way, by some of the best buckwheat farmers around Madison.

Prices: ½ pk., 30c; pk., 55c; bu., \$1.80; 2 bu. at \$1.70; 10 bus. at \$1.65; 25 bus. at \$1.60. Sacks extra at 20c.



Sheaf of Speltz.

a week earlier than Silver Hull. The grain is very large, of dark brown color.

Sow from June 10 to July 10, one bushel per acre.

Prices—By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 60c; bu., (50 lbs.) \$2.00; 2 to 10 bus. at \$1.90; 10 bus. at \$1.85; 25 bus. or over at \$1.80. Sacks extra at 20c.

# OLDS' SEED WHEAT

Wisconsin stood first in yield per acre of wheat for the 10 years, 1910 to 1919, of the six states—Wisconsin, Minnesota, Iowa, Illinois, Indiana and Michigan.



Field of Marquis on Farm of A. J. Vieth, Dane County, Wisconsin.

## MARQUIS WHEAT (Best of all Varieties)

### The Wheat That Has Revolutionized Farming.

Marquis wheat is in a class by itself. It is different. It produces great yields of splendid wheat on old farms everywhere, where it was not supposed that wheat would succeed at all. Farmers all over the Middle West tried out Marquis in 1918 in response to the urgent request of the Government to grow more wheat. They were all sorry they did not sow larger acreages. Why, it was nothing uncommon for farmers in southern Wisconsin and northern Illinois to report yields of 40 bushels per acre and over and down in Will County, Illinois, the farmers secured yields as high as 60 bushels per acre, when they had not grown wheat in years. Read at the bottom of this page what Mr. Paul R. Lisher, Farm Advisor, says.

**Origin.** Marquis wheat was originated by Dr. Saunders of the Ottawa Ex. Farm by breeding together Red Fife and a very early Indian wheat, Red Calcutta. It is practically bald like the Fife and grows much the same. Dr. Saunders says:

"I introduced this wheat into Saskatchewan in 1907, and as a rule it has given a considerably higher yield than any other variety. The highest recorded yield was at the rate of 81½ bushels. Marquis is an excellent hard wheat ripening about a week earlier than Red Fife."

**Description.** Marquis is a hard red spring wheat, grading No. 1 Northern, which brings the top price, but is quite different in appearance from Fife and other hard spring varieties. The grains are short and thick and very plump making it very attractive in appearance. It is a strictly beardless wheat with long heads and it has a very stiff strong straw of good length. It ripens early, a little ahead of other spring varieties.

Is it worth while to try spring wheat again for 1921? We say yes. It is true much of the spring wheat was shrunken last year and it is true the price is low compared with what it was during the war and the year following. But so is everything low. Wheat is no exception. The chances for making money on spring wheat for 1921 are as good on most farms in the middle Northwest and west, as on anything else, provided the right variety is used and good seed is used.

Marquis has proved itself out all over the middle West. It has done well on old established farms as well as on new lands nearly everywhere. Wheat is a staple. The country must have it. The world must have it. We do not recommend sowing your whole farm to Marquis wheat but sow some. Study your soil conditions. Pick out the best place for wheat. Use some commercial fertilizers. And last of all, procure good seed.

Most of our stock of Marquis this year is Canadian grown. It is beautiful wheat—plump, bright, clean, free from wild oats and full of vitality. It is very desirable seed wheat. We know it will please our customers in appearance and we are confident it will do well here in the United States. We have a limited stock only of Wisconsin grown Marquis, and while it is not as plump as the Canadian stock it is pure and clean, and from our best growers here in Dane County.

### PRICES OF MARQUIS WHEAT FOR 1921.

**Canadian Grown.** By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 55c; pk., \$1.00; bu., \$3.00; 2 bus. at \$2.90; 10 bus. at \$2.85; 25 bus. or over at \$2.80. Two bushel grain bags extra at 40c, bushel jutes at 15c.

**Wisconsin Grown:** Pk., 95c; bu., \$2.90; 2 bus. at \$2.80; 10 bus. at \$2.75; 25 bus. at \$2.70. Bags extra.

### SIXTY BUSHELS PER ACRE IN WILL COUNTY.

Paul R. Lisher, Farm Advisor for Will County, Illinois, wrote Sept. 3, 1918: "I am very glad to report to you that from the Marquis spring wheat purchased from you last spring that some of our farmers have secured yields as high as 60 bushels per acre. Every one who has seen or used this wheat has commented upon its quality. Evidently it was the finest seed ever brought into this territory. However, there has been only a small acreage grown here before this year. Yields of 50 bushels per acre are relatively common and practically all the wheat from this seed has yielded 45 bushels per acre or better."

(We shipped four carloads of this wheat into Will County on Mr. Lisher's orders.)



Sheaf of Marquis.



Field of Wisconsin Wonder on the Krueger Farms.

## WISCONSIN WONDER SPRING WHEAT

### EARLIEST WHEAT KNOWN IN AMERICA.

Wisconsin Wonder is a new variety of wheat from Henry Krueger. We offered it last year for the first time. Its distinguishing characteristic is its extreme earliness. Mr. Krueger says:

"It ripens in 90 days and is as early as barley or Kherson oats. Just the thing for seeding alfalfa or clover. We harvested it before winter wheat and cut a crop of clover on the same field September 9th that yielded two tons of hay per acre. This wheat gets ahead of rust or blight. Straw not over 30 inches long. What's the use of handling so much straw when you can get more seed with less straw."

Mr. Krueger won sweepstakes on this wheat at the International Wheat Show at Wichita, Kansas, three years in succession, 1915, 1916 and 1917. This shows it is real wheat.

Describing Wisconsin Wonder further, it is a bearded wheat with short, stiff straw; it is a hard red wheat, something like Red Fife in appearance and will grade No. 1 Northern. It never lodges even on rich ground and its remarkable earliness puts it in a class by itself, making it of greatest value as a nurse crop for clover and alfalfa.

Swartz Bros. of Cornfalfa Farms, Waukesha County, Wisconsin, who grew most of our stock last year wrote:

"We are sending you a sample of our Wisconsin Wonder Wheat which is not as plump and large a berry as in 1918. In 1918 our sample at Madison weighed  $65\frac{1}{2}$  pounds per bushel and Mr. Krueger said he never had any go over 64 pounds. We won sweepstakes on it at Madison. We have a sample of this year's that weighs 64 pounds to go to the International at Chicago during the fat stock show. We have grown this wheat as a nurse crop for alfalfa the past four years and do say it's the best nurse crop known for alfalfa. Sow two bushels to two and one-half bushels to the acre as it will not stool and will not lodge on rich ground. It ripens in from seventy to eighty days and shades but very little."

We again have Wisconsin Wonder to offer from Swartz Brothers and they write further:

"This past season of 1920 we seeded 55 acres to alfalfa, and sowed Wisconsin Wonder Spring Wheat as a nurse crop on all these 55 acres. Again has this wheat proven to us one of the best nurse crops for alfalfa of all the nurse crops we have tried in the past. It stands so erect, does little stooling, and ripens before any other grain. It thus gets ahead of rust and other diseases, wind and rain storms. We have always had an excellent catch of alfalfa and never a failure since we have used this wheat."



Mr. Krueger Harvesting Wisconsin Wonder Spring Wheat.

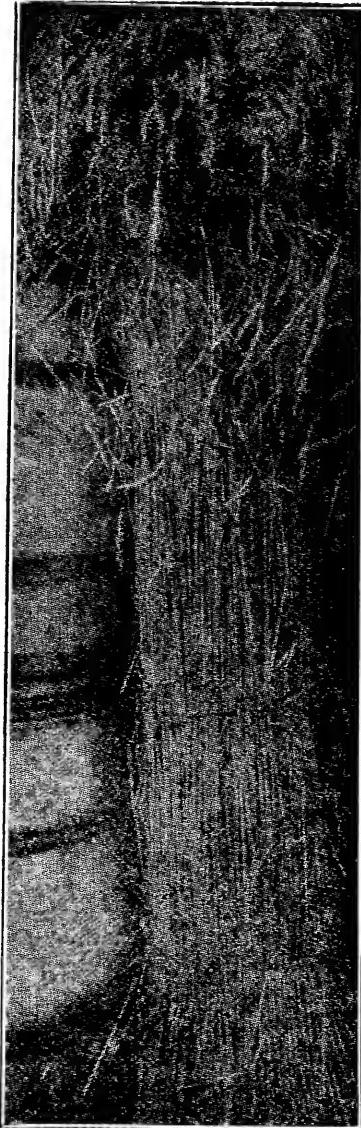
H. & H. Lurvey, also of Waukesha County, who grew part of our stock of Wisconsin Wonder say:

"It is the earliest variety and is harvested before winter rye. It is considered the best of grains for seeding alfalfa and other clovers with. It is guaranteed not to lodge on the richest of land. Yields well and of the choicest berry. It is usually ready for harvest when the hot waves shrink the berry of other wheat."

This wheat has also been grown a little in Minnesota from seed secured from Mr. Krueger. Mr. C. M. Kelehan, a County Agent of Minnesota, reports a yield from one field of Wisconsin Wonder of 46 bushels per acre.

### PRICES OF WISCONSIN WONDER WHEAT FOR 1921.

By mail: Lb., 35c; 3 lbs., 85c.  
By freight: Lb., 30c;  $\frac{1}{2}$  pk., 65c;  
pk., \$1.25; bu., \$3.75; 2 bus. at  
\$3.65; 10 bus. at \$3.60; 25 bus.  
or over at \$3.55. Bags extra at 40c.



Olds' Spring Rye.

### WORLD'S CHAMPION WINTER WHEAT.

The wheat that won the "World's Championship" at the International Exposition in 1909. A red bearded variety.

Prices: Pk., 95c; bu., \$2.90; 2 bus. at \$2.80; 10 bus. at \$2.75.

### IMPROVED TURKEY RED NO. 42.

Turkey Red is probably the most popular and best known variety of Winter Wheat. It is noted for its hardiness. Our Turkey Red No. 42 was the best from 1,000 individual heads for yield, quality, shape of kernel and stiff straw.

Prices: Same as for World's Champion.

### WISCONSIN PEDIGREE NO. 2 WINTER WHEAT.

Hariest and Best Yielder.

Wisconsin Pedigree No. 2 has recently been developed at the Wisconsin Experiment Station from the famous Turkey Red. It has the same characteristics as that well known variety, hard red grains, bearded heads, vigorous growth and extreme hardiness.

A lot of careful breeding work has been put on this wheat at the Wisconsin Station as our Agronomists were determined to produce a wheat that could be absolutely relied upon in Wisconsin and the north. They are well satisfied with their efforts and now recommend Wisconsin Pedigree No. 2 as without exception the very best and surest wheat for northern farmers to sow.

Prices: 1/2 pk., 55c; pk., \$1.00; bu., \$3.00; 2 bus. at \$2.90; 10 bus. at \$2.85; 25 bus. at \$2.80.

Ask for Bulletin No. 6, "Winter Wheat and Its Culture." Grain bags are extra for all wheat and rye at 40c each. Prices given in the catalog are subject to change after Feb. 1st. Ask for "Weekly Price List."

### DURUM WHEAT. (MACARONI.)

It is only a few years since Durum Wheat was first introduced in this country, but it is now a leading variety. It is very productive, yielding as high as 50 bushels per acre; is very hardy, resisting extremes of weather which no other wheat will endure and is earlier than other wheat.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 1/2 pk., 55c; pk., \$1.05; bu., \$3.25; 2 to 10 bus. at \$3.15; 10 bus. at \$3.10; 25 bus. at \$3.05.

### OLDS' MAMMOTH SPRING RYE.

Spring Rye is entirely distinct from Winter Rye. It can be sown in the spring a little later even than most other spring grain and a crop harvested the same season. There is more and more demand for the seed each year as farmers are finding out the value of this crop and the convenience of being able to sow rye in the spring. Grows a tall strong straw, six feet high and produces 30 to 40 bushels per acre, the same kind of grain as winter rye.

Prices: By mail: Lb., 30c; 3 lbs., 65c. By freight: Lb., 25c; 1/2 pk., 60c; pk., \$1.10; bu., \$3.25; 2 bus. at \$3.15; 10 bus. at \$3.10; 25 bus. or over at \$3.05.

### WISCONSIN PEDIGREE NO. 1 WINTER RYE.

This wonderful rye is the result of 12 years' careful breeding at the Wisconsin Experiment Station on a strain of Schlansted received from the U. S. Dept. of Agriculture.

Prices: 1/2 pk., 45c; pk., 85c; bu., \$2.65; 2 to 10 bus. at \$2.55; 10 bus. at \$2.50.

### WISCONSIN PEDIGREE NO. 2 WINTER RYE.

Wisconsin Pedigree No. 2 was bred at the Wisconsin Experiment Station in the same careful way as Pedigree No. 1 from seed received at the same time from the U. S. Government. This variety is from the Petkus as a foundation which for years was the most famous winter rye known.

Prices: Same as for Wisconsin Pedigree No. 1.

### ROSEN WINTER RYE.

A new variety from Michigan. Breeding work began on it at the Michigan Agricultural College in 1909. Within a few years it established a reputation in Michigan as a most wonderful yielding variety of rye. We have grown it here in Wisconsin and find it well adapted to our state. It made a large growth and splendid yield, producing large plump heavy grains. Our stock is all Wisconsin grown.

Prices: 1/2 pk., 50c; pk., 90c; bu., \$2.80; 2 bus. at \$2.70; 10 bus. at \$2.65; 25 bus. at \$2.60.

### GLADDEN WINTER WHEAT.

A new winter wheat from Ohio. Named after the late Dr. Washington Gladden. It was first sent out by the Ohio Experiment Station two years ago last fall. Dr. Williams, Chief Agronomist, who calls it "one of our best pure lines of wheat," says of it: "This variety has been tested at 10 different points in the state from 2 to 10 years and averaging the yields for the period it has stood highest at four of these station test fields and at no point has it averaged below second in yield."

Gladden is a hard red bearded wheat, the same as Turkey Red. The stock we offer was grown right here near Madison.

Prices: 1/2 pk., 60c; pk., \$1.10; bu., \$3.25; 2 bus. at \$3.15; 10 bus. at \$3.10; 25 bus. at \$3.05.



Wisconsin Pedigree No. 2 Winter Wheat on the University Hill Farm, Madison.





A Field of Soy Beans Grown in the North for Hay.

## SOY BEANS. (Great For Feed and For Enriching the Soil.)

**L. LOUDS SEED CO.** Madison, Wis. Co. Soy Beans have a double value. First, they are great for feed, for hay and silage as well as for the dry beans, and second, they are nitrogen gatherers and enrich the soil wherever grown.

As a dry bean they are immensely productive and are equal to oil meal in feeding value, pound for pound. They are being raised with success now in all the northern states as well as in the central and southern states. Many northern farmers are planting with corn for silage. In Iowa they grow with corn for "hogging" down.

The Wisconsin College of Agriculture is urging farmers to grow more of the leguminous crops, especially Soy Beans. They are recommending them as a hay crop and for silage, telling the farmers also that they will add a great amount of fertility to the soil, just the thing needed, especially on light sandy soils. In Iowa 5 times as many Soy Beans were grown in 1919 as in 1918, and 90 per cent were planted with corn either for silage or for "hogging" down.

**CULTURE:** If planted with corn 3 beans in each hill of corn is about right and this requires 3 to 5 pounds per acre. If planted alone, for hay or seed in rows, a bushel of seed per acre may be profitably used, distributing the beans about one inch apart in the row. Do not plant too early. Never before corn planting time. If you do the seed will rot. Use inoculation to insure a strong vigorous growth. See pages 30 and 31.

**WISCONSIN BLACK.** The earliest of all varieties and the one to plant in the North if mature dry beans are wanted. Quite largely grown now all over Central and Northern Wisconsin. Our stock is all Wisconsin grown.

Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; ½ pk., \$1.10; pk., \$2.00; bu., (60 lbs.) \$6.60; 100 lbs., \$11.00; 500 lbs. at \$10.75. Bags free.

**ITO SAN.** Produces small yellow beans. Next in earliness to Wisconsin Black. Matures dry beans in 95 days. We have Wisconsin grown seed, which will fully mature in the North, and also Ohio grown seed.

Prices, Wisconsin Grown: Same as for Wisconsin Black.

Ohio Grown—By freight: Lb., 25c; ½ pk., \$1.00; pk., \$1.90; bu., \$6.00; 100 lbs., \$10.00; 500 lbs. at \$9.75.

**EARLY BROWN.** Just the same as Ito San, except that the beans are brown instead of yellow.

Prices: Same as for Ohio Ito San.

Prices, following 5 varieties: By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; ½ pk., \$1.00; pk., \$1.90; bu., \$6.00; 100 lbs., \$10.00; 500 lbs. at \$9.75. All Soy Bean prices include bags.

**EARLY BLACK.** Matures in 100 days. Not large enough for the best hay crop variety. Illinois grown.

**ELTON.** Next to Early Black in season. A trifle larger. Indiana grown.

**MONGOL.** Probably the same thing as Medium Yellow. Most largely grown variety for hay and forage. Matures in 110 days. Our stock is Ohio grown.

**MIKADO.** About one week later than Mongol and a trifle larger. Fine for hay or silage. Indiana grown.

**HOLLYBROOK.** A great favorite for hay or silage. A trifle later than Mikado. Yellow Seed. Indiana grown.

**HOLLYBROOK.** Virginia grown. Pk., \$1.75; bu., \$5.40; 100 lbs. at \$9.00; 500 lbs. at \$8.75.

**MEDIUM GREEN.** A great favorite in Wisconsin for silage. Same as Mongol in season. Stock is Ohio grown.

Prices: Pk., \$2.00; bu., \$6.60; 100 lbs., \$11.00; 500 lbs. at \$10.75.

**MAMMOTH YELLOW.** Largest of all varieties. Planted quite largely for silage and popular for that purpose because of its large growth. Will not mature pods. Our stock is North Carolina grown.

Prices—By freight: Lb., 20c; ½ pk., 75c; pk., \$1.45; bu., \$4.50; 100 lbs., \$7.50; 500 lbs. at \$7.25.

Note. For further information on Soy Beans write Wis. Coll. of Agr., Madison, Wis., for "Bulletin No. 289;" Ill. Coll. of Agri., Urbana, Ill., for "Bulletin No. 198;" or Iowa Coll. of Agr., Ames, Iowa, for "Bulletin No. 68."

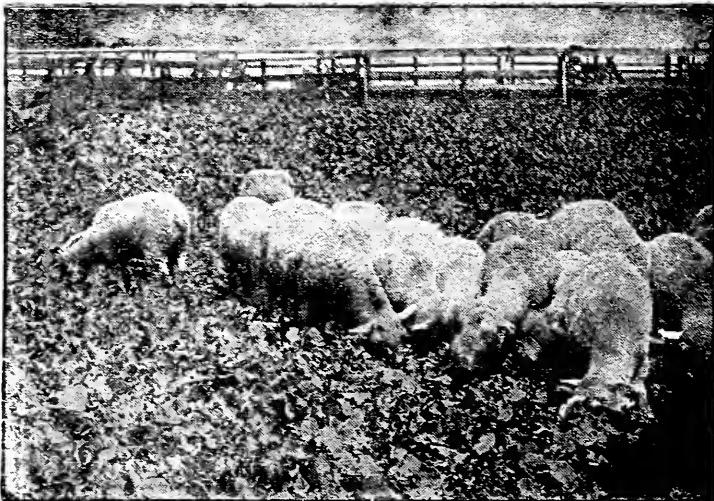
## COW PEAS.

Sow broadcast after corn planting, 1½ bushels per acre. If sown too early seed will rot. Inoculate before sowing.

**WHIPPOORWILL.** Standard variety. Seeds brown in color.

Prices: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; ½ pk., 75c; pk., \$1.45; bu., (60 lbs.) \$4.50; 100 lbs., \$7.50; 500 lbs. at \$7.25. Prices for Cow Peas include bags.

**NEW ERA.** Earlier than Whippoorwill. Prices: Same as Whippoorwill.



Dwarf Essex Rape Makes The Ideal Sheep Pasture.

## DWARF ESSEX RAPE.

Probably no plant has ever jumped into favor so quickly with farmers everywhere as Dwarf Essex Rape. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle.

Dwarf Essex Rape furnishes an immense amount of green feed, and its nutritive value is nearly twice that of clover. It may be sown in the following ways:

1. In early spring for sheep and hog pasture, 5 to 10 pounds per acre.

2. With spring grain, 2 pounds per acre to provide sheep pasture after harvest. In this case do not sow the rape until the grain is about up.

3. Alone in June or July, on newly plowed land.

4. With corn just before the last cultivation.

5. With rye, in August or September, for late pasture.

A word about the seed. We buy in car lots and handle only the best and purest Dwarf Essex, entirely free from bird rape, mustard or anything of that sort. The Dwarf Essex is the desirable variety of rape, and the only one recommended. Do not buy anything else.

Prices, by mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.75; 100 lbs., \$10.00; 500 lbs. at \$9.75. Bags free.

## OLDS' FIELD BEANS.



**WHITE NAVY.** Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 75c. By freight: Lb., 25c;  $\frac{1}{2}$  pk., 80c; pk., \$1.50; bu., \$4.80; 100 lbs., \$8.00; 500 lbs. at \$7.75. Bags free.

**WHITE TEPARY.** A most valuable dry weather crop. Largely grown now in the Southwest and does well also in the North. Ripens 2 or 3 weeks earlier than Navy.

Prices, by mail: Pkt., 5c; lb., 35c; 3 lbs., 85c. By freight: Lb., 30c;  $\frac{1}{2}$  pk., \$1.10; pk., \$2.00; bu., \$6.60; 100 lbs., \$11.00.

**RED KIDNEY.** Large handsome red beans. Quoted the highest of any in market and in great demand with the fancy trade. Our seed is the best Wisconsin grown.

Prices, by mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c;  $\frac{1}{2}$  pk., \$1.35; pk., \$2.50; bu., \$8.10; 100 lbs., \$13.50.

**SWEDISH BROWN.** This variety is a great yielder and a profitable one to raise. Very popular in some markets.

Prices, by mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c;  $\frac{1}{2}$  pk., 90c; pk., \$1.75; bu., \$5.75; 100 lbs., \$9.50.

## OLDS' FANCY WISCONSIN FIELD PEAS.



**WHITE CANADA.** Sometimes called Yellow Canada. The best known variety. Should be sown more largely. Makes splendid hay. Sow 1 $\frac{1}{2}$  to 2 bus. per acre broadcast with oats. Our stock is fancy Wisconsin grown.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c;  $\frac{1}{2}$  pk., 60c; pk., \$1.10; bu. (60 lbs.), \$3.60; 100 lbs., \$6.00; 500 lbs. at \$5.85. Bags free.

**GREEN CANADA.** Much the same as White Canada except that the peas are green in color. Wisconsin grown stock.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c;  $\frac{1}{2}$  pk., 60c; pk., \$1.05; bu., \$3.45; 100 lbs., \$5.75; 500 lbs. at \$5.60.

**WHITE MARROWFAT.** Vines large with well-filled pods of large peas. Our stock is Northern Wisconsin grown and very fine.

Prices, by mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c;  $\frac{1}{2}$  pk., 75c; pk., 1.35; bu., \$4.50; 100 lbs., \$7.50; 500 lbs. at \$7.35.

**SCOTCH BEAUTY.** A blue pea of fine quality. Very popular for soups.

Prices, by mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c;  $\frac{1}{2}$  pk., 60c; pk., \$1.05; bu., \$3.50; 100 lbs., \$5.85; 500 lbs. at \$5.70.

## SAND VETCH OR WINTER VETCH

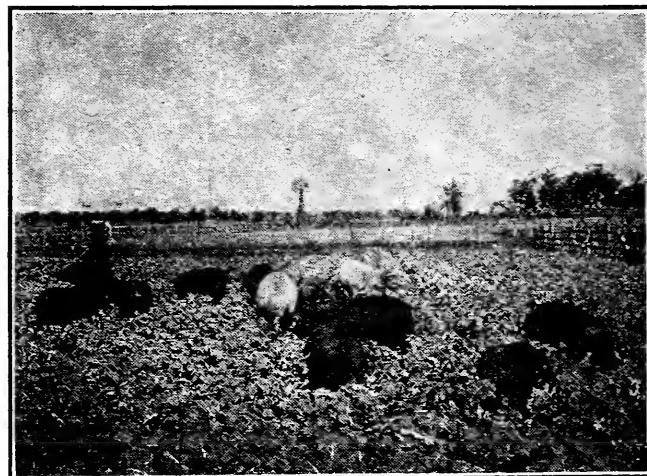
(*VICIA VILLOSA*).

This very valuable leguminous plant is coming into greater favor each year. Highly recommended by the Wisconsin Experiment Station, especially for lighter soils. Fall is the best time for sowing but it can also be sown in the spring. Sow with rye in September or early October, 15 to 20 pounds of vetch and  $\frac{1}{2}$  bushel rye per acre or sow in spring the same way with  $\frac{1}{2}$  bu. of oats or barley for a support. Makes very fine fall and winter pasture and it can also be pastured in early spring. Then it can be plowed under or left for a hay crop if preferred. It not only makes the finest kind of feed, but it brings an immense amount of fertility to the soil. The seed we offer is fancy.

Prices, by mail: Lb., 45c; 3 lbs., \$1.15. By freight: Lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50; 100 lbs., \$21.00; 500 lbs., at \$20.50. Bags free.

(Ask for Illustrated Bulletin, "Vetch and Its Culture.")

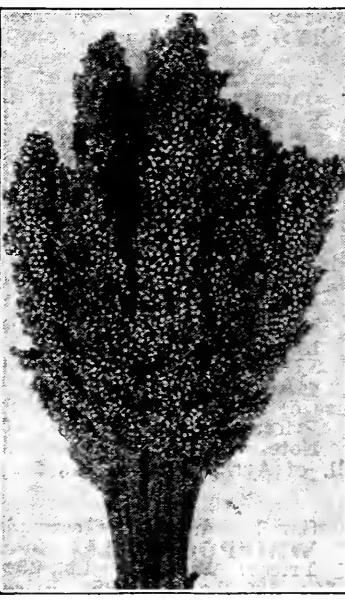
Note. Prices for everything on this page include bags. Prices quoted in the catalog are subject to change after February first. Ask for our "Weekly Price List" after that date. Samples showing purity and germination tests furnished free on application.



"A Field of Rapsey is of Inestimable Value in Maturing Profitable Porkers." Breeders' Gazette.



Winter Vetch.



White Kaffir (See page 25.)

## EARLY AMBER CANE.

Farmers all over Wisconsin as well as in other northern states are raising sorghum more and more. Sorghum mills have sprung up everywhere. An acre or two planted to Early Amber Cane makes a fine lot of syrup and helps out the sugar question very satisfactorily. Plant in rows and cultivate the same as corn, using northern grown seed. Two to five pounds will plant an acre. We have a very choice strain of seed to offer this year grown for us by special sorghum experts in Minnesota. This seed is not only absolutely pure Early Amber but it is from an improved strain developed for high sugar content.

Early Amber Cane is also great for feed as well as syrup. The southern grown seed is better for that purpose as it makes a larger growth. May be sown broadcast or with drill, 40 to 50 pounds per acre.

**Northern Grown:** By mail: Lb., 30c; 3 lbs., 75c.  
By freight: Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$7.50. Bags free.

**Southern Grown,** for fodder purposes, by freight: Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$4.00.

## EARLY ORANGE CANE.

A week later than Early Amber. Taller and more productive. We have pure Illinois Grown seed for sorghum purposes and Southern Grown for fodder. Prices, same as for Northern and Southern Early Amber.

## WHITE KAFFIR CORN.

(See illustration preceding page.)

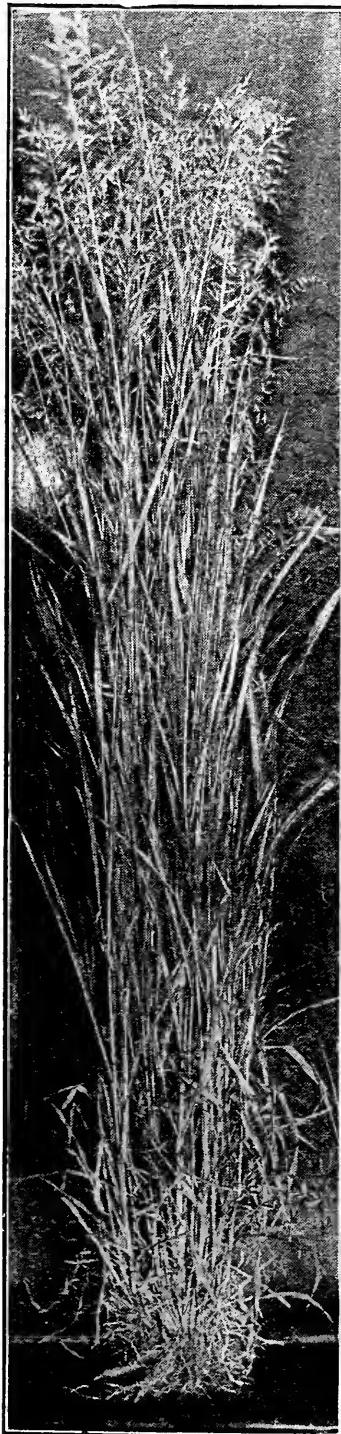
Makes the best kind of fodder for cattle or horses, and is easily grown. The seed is splendid for poultry.

Sow in rows 2½ to 3½ feet apart and cultivate the same as corn. Five to ten lbs. will seed an acre in rows, or ½ bu. broadcast.

**Prices:** By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$3.75.



Early Amber Cane.



## SUDAN GRASS. (The Great New Hay Crop.)

Produces twice as much hay per acre as any of the common forage plants.

Of the new things Sudan Grass seems to be attracting more attention than anything else. It was first introduced into the United States in 1909 from Sudan. Tests were made in all parts of the United States. As a result of the tests the Department of Agriculture recommended Sudan Grass as of the greatest value in the western and southwestern states where the rainfall is deficient. The Department also stated that it would make just as good yields in most of the central and northern states, and would grow nearly everywhere. This prediction was fully justified as it has been shown that it will do well most anywhere. It grows like millet but grows larger and produces much more feed. The quality of the hay is first class also.

Sudan Grass is strictly an annual and dies each year like millet. It belongs to the sorghum family. Is best sown broadcast or with a drill when it can be cut with a mower and treated like any other hay. It grows 3 to 5 feet high. Sow about corn planting time after the ground becomes warm. 10 to 15 pounds will seed an acre.

**Prices, by mail:** Pkt., 5c; Lb., 25c; 3 lbs., 65c. By freight: Lb., 20c; 5 lbs., 85c; 10 lbs., \$1.50; 100 lbs., \$9.50; 500 lbs. at \$9.35. Bags free.

## FETERITA.

Feterita is just a recent introduction and it has already made a great name for itself. It is 25 days earlier than Kaffir Corn, outyields Kaffir and is little affected by drouth.

The government experts say: "Experiments so far indicate that its earliness, its rather low water requirements, its satisfactory yields, and the ease with which it may be harvested, give it a real place among the sorghums, either for grain or combined grain and forage purposes."

**Prices, by mail:** Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$4.25.

## YELLOW MILO MAIZE.

A variety of sorghum, fine for dry weather. Grows very large, 8 to 10 feet high, with seed heads of great size, often weighing ¾ of a pound each. Plant same as Kaffir Corn.

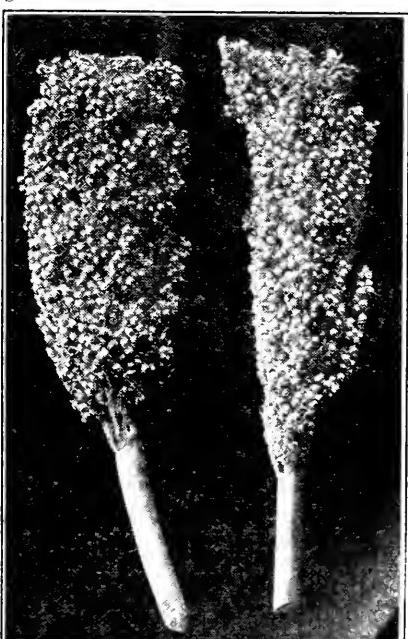
**Prices, by mail:** Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$3.75.

## BROOM CORN.

Plant in rows 3 to 3½ feet apart, the seeds 2 to 3 inches apart in the row, and cultivate the same as corn. 10 pounds will seed an acre.

**Standard Evergreen.** Most popular in the north.  
**Dwarf Evergreen.** Largely grown in the south.  
**Prices, either variety, by mail:** Lb. 25c; 3 lbs., 60c. By freight: Lb., 20c; 5 lbs., 70c; 10 lbs., \$1.00; 100 lbs., \$6.50.

Note. Bags free at prices named for everything on this page. Write for special prices in large quantities.



Feterita, the Great Drouth-Resister.

## WHITE WONDER MILLET

### WHITE WONDER MILLET.

A Russian soldier, serving in the Russo-Japanese War, discovered this wonderful millet in China. He put a little of the seed in his knapsack and when the war was over he came to the United States bringing his precious packet of seed with him.

White Wonder Millet has been raised in western Kansas for several years and it is just as hardy and vigorous as other millets.

The most striking feature of White Wonder Millet is the size of the heads. The heads will run from eight up to eighteen inches in length and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy, being fully half again as much as that of Golden Millet. Some growers of White Wonder Millet claim that it will outyield other millets three to one.

Another very desirable feature of White Wonder Millet is its earliness. This variety is much earlier than Golden Millet but not quite as early as Siberian.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder.

We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, White Wonder Millet will soon take first place among the millets. The seed we offer is beautiful seed, the prettiest millet we ever saw.

Prices, by mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$5.50; 500 lbs. at \$5.35.

### JAPANESE MILLET. (BILLION DOLLAR GRASS.)

**Japanese Millet** is one of the most remarkable forage plants we have; remarkable for its marvelous, luxuriant growth, often growing six feet tall; remarkable for the immense amount of hay it produces from each acre, and remarkable for its feeding value. It is adapted to all sections; does especially well on low ground; makes more hay than Golden or any other kind of millet, and requires less seed per acre; produces a crop in a very short time, is relished as hay by stock of all kinds, or, if allowed to ripen, will yield about as many bushels of seed per acre as oats. The seed can be used for feed, and is specially fine for poultry.

Sow in May for best results, 15 to 20 pounds per acre. If desired for hay, cut just before it heads out. Or it can be left to ripen and then threshed the same as timothy. Our halftone illustration, showing heads of Japanese Millet over six inches long, as picked from the field of one of our growers, gives some idea of the immense seed production—a handful of seed from every head.

Prices: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$7.50; 500 lbs. at \$7.35.

**HOG OR BROOM CORN MILLET.** Also called Dakota Millet. Makes inferior hay, unless cut very young, but yields enormous quantities of large plump seed, as high as 60 or 70 bushels per acre. This seed is fine for poultry.

Prices: 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$4.00; 500 lbs. at \$3.85.

**EARLY FORTUNE.** Another large seeded variety grown principally for seed instead of for hay. Like Hog millet except in color of the seed.

Prices, same as for Hog Millet.

### MAMMOTH RUSSIAN SUNFLOWER.

A great food for poultry and hogs. Also grown quite largely now for silage. It makes a larger amount of feed than ensilage corn and is claimed to be superior in feeding value to corn. Our stock is very fine American grown seed.

Prices, by mail: Pkt., 5c; lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., 90c; 10 lbs., \$1.50; 100 lbs., \$7.00; 500 lbs. at \$6.75.

Note. All Field Seed prices may be changed after February first. Ask for "Weekly Price List." Bags are extra for all Millets. Samples free.



### GOLDEN MILLET. (Formerly German)

The most popular of all millets. Grows larger than Common Millet, and is more productive.

Our main stock of Golden Millet this year is Kansas grown and was grown on contract from special select seed on clean new lands. It has the true Golden color and the seed is uniform, round and plump. It can be fully relied on as a fancy lot of pure genuine Golden.

We have also Western Golden that is nice and also Wisconsin grown seed from Kansas Golden of last year. The Wisconsin grown is lighter in color, more like common millet in appearance. In fact Golden Millet tends to become like common on being sown in the north.

Prices: Fancy Kansas, by freight: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$5.00; 500 lbs., at \$4.85. Bags extra at 40c.

Western Golden: 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$4.00; 500 lbs. at \$3.85.

Wisconsin Golden: 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.60.

**COMMON MILLET.** A little earlier than Golden Millet. Seed white instead of yellow. We have two stocks, Fancy Colorado grown and Choice Kansas grown.

Prices: Fancy Colorado: 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.60.

Choice Kansas: 5 lbs., 35c; 10 lbs., 60c; 100 lbs., \$3.50; 500 lbs. at \$3.35.

**SIERIAN MILLET.** Also called Russian Millet. Hardier and earlier than Golden Millet. Quite popular.

Prices: 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$3.75.

**HUNGARIAN.** A very popular variety of millet, a week earlier than Golden Millet. Our stock is Northern Indiana grown and very fine. For several years Hungarian has been about a failure, but this year we have beautiful seed.

Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$4.75; 500 lbs. at \$4.60.

(One pound, any of the above, by mail, 20c; 3 lbs., 50c. By freight: Lb., 15c.)



Japanese Millet.

# OLDS' CLOVERS AND GRASSES



Field of Medium Red Clover in Full Bloom.

## OLDS' CLOVER SEED.

Wisconsin Leads All the States in Amount of Clover Seed Produced the Past Season.

 High Grade, recleaned Clover Seed is one of our specialties, and we are again fortunate here in Wisconsin as our state had nearly a full crop, 338,000 bushels, according to the latest Government estimate at the time of writing this page. In fact Wisconsin leads all the states in amount of clover seed produced. Illinois comes next with 335,000 bushels, while Ohio is placed at 195,000 bushels, Indiana 142,000, the total crop for the whole country being 1,760,000 bushels.

The clover crop of the United States is after all only 30 percent greater than for 1919, while the present price is less than half what it was one year ago. It would seem to us that conditions hardly justify the present low prices and we certainly believe that clover will be higher. Our judgment is that the sooner our customers buy the less it will cost them.

We use the utmost care in buying to keep clear of seed containing buckhorn and dodder. These two noxious weeds are very common in clover. Right here we want to warn our customers against buying clover seed that has not been tested. Fortunately for the farmers we have a very stringent seed law here in Wisconsin. All field seeds must be tested for both purity and germination and the tags must show the tests. If any noxious weeds are present that must be shown.

Do not buy cheap untested clover seed. It is the worst kind of folly. You can do untold damage to your farm in a single season. Buy Olds' tested re-cleaned seed and know what you are getting.

### MEDIUM OR RED CLOVER.

Prices, by mail: Superb Brand: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; 5 lbs., \$1.75; peck, \$4.30; bu. (60 lbs.), \$16.20; 100 lbs., \$27.00; 500 lbs. at \$26.50. Bags extra at 40c.

Old Gold Brand: Peck, \$4.15; bu., \$15.60; 100 lbs., \$26.00; 500 lbs. at \$25.50.

Choice Brand: Peck, \$4.00; bu., \$15.00; 100 lbs., \$25.00; 500 lbs. at \$24.50.

### MAMMOTH CLOVER.

Resembles Medium but larger and coarser. Best for pasture and fertilizer.

Prices, Superb Brand, Old Gold Brand and Choice Brand, \$1.00 per hundred pounds higher than for same grades of Medium.

### ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Also fine for pasture. The only clover that will not kill out on wet land.

Prices, by mail: Superb Brand: Lb., 50c; 3 lbs., \$1.40. By freight: Lb., 45c; 5 lbs., \$2.00; peck, \$5.35; bu. (60 lbs.), \$20.40; 100 lbs., \$34.00; 500 lbs. at \$33.50.

Old Gold Brand: Peck, \$5.20; bu., \$19.80; 100 lbs., \$33.00; 500 lbs. at \$32.50.

Choice Brand: Peck, \$5.05; bu., \$19.20; 100 lbs., \$32.00; 500 lbs. at \$31.50.

### OLDS' CLOVER MIXTURE.

A mixture of Medium, Mammoth and Alsike Clovers in the best proportion for a permanent stand. We recommend this for sowing with our Permanent Grass Mixture.

Prices, by mail: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; pk., \$4.60; bu. (60 lbs.), \$17.40; 100 lbs., \$29.00; 500 lbs. at \$28.50.

**WHITE DUTCH CLOVER.** Desirable for pasture mixtures. Also fine for lawns.

Prices, Superb Brand—by mail: Lb., 75c; 3 lbs., \$2.15. By freight: Lb., 70c; 5 lbs., \$3.25; pk., \$9.25; bu. (60 lbs.), \$36.00; 100 lbs., \$60.00.

Old Gold Brand: Pk., \$8.50; bu., \$33.00; 100 lbs., \$55.00.

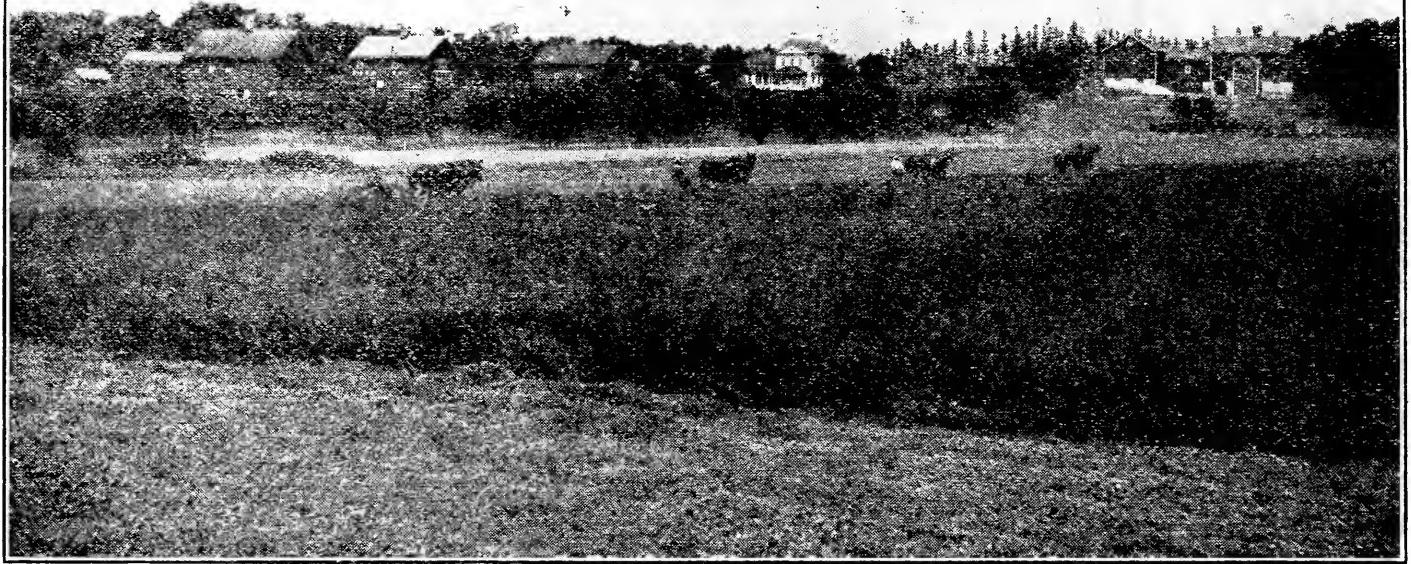
Note: Prices named here are good until Feb. 1st only. After that Clover prices are strictly subject to change without notice. Ask for our "Weekly Price List."

Samples giving purity and germination tests, free on request. Bags extra at 40c.

Inoculation usually pays with all kinds of clover. See pages 30 and 31.



Alsike.



107 Acres Alfalfa on Farm of Swartz Bros., Waukesha County, Wis., That Yielded 535 Tons of Splendid Hay, Valued at \$20.00 per Ton, or \$100.00 per Acre.

### OLDS' FANCY ALFALFA SEED.



Alfalfa is by far the most valuable new plant today for the farmers of the northwestern states. Think of it! Alfalfa yields a crop of hay worth \$100.00 per acre and in addition to that, according to the U. S. Dept. of Agriculture, "adds \$100.00 to the value of every acre."

**The Seed.** Alfalfa seed is a specialty with us and we sell several carloads every season. We secure it from different localities but do not handle any inferior seed. In fact we handle only the best. The crop was again short especially in the northern states, the Montana crop being almost a complete failure. Prices at this date are very low considering the small amount of seed in sight. We are looking for higher prices on Alfalfa. Foreign seed we do not handle as we do not think our customers want it at all. The seed is apt to contain bad weed seeds and it does not do as well as American grown seed anyway. Look out for this inferior foreign seed. "The best is the cheapest."

Insist on knowing where the seed grew before you buy. If you buy of a Wisconsin dealer he will have to give you that information as the Wisconsin seed law requires it. Insist also on knowing what it tests both for purity and germination. Our seed all shows high tests. Buy from samples showing tests. Use inoculation and use lime. See pages 30 and 31.

#### PRICES OF OLDS' FANCY ALFALFA SEED.

Fancy Montana. Dry land, bright seed: Peck, \$5.50; bu. (60 lbs.), \$21.00; 100 lbs., \$35.00; 500 lbs., at \$34.50.

Fancy South Dakota. Dry land Black Hills seed: Peck, \$4.90; bu., \$18.60; 100 lbs., \$31.00; 500 lbs. at \$30.50.

Fancy Utah. Beautiful pure seed: Peck, \$4.00; bu., \$15.00; 100 lbs., \$25.00; 500 lbs. at \$24.50.

Fancy Western. Very bright and nice: Pk., \$3.85; bu., \$14.40; 100 lbs., \$24.00; 500 lbs. at \$23.50.

Any of the above—by mail: Lb., 50c; 3 lbs., \$1.40. By freight: Lb., 45c; 5 lbs., \$2.00;  $\frac{1}{2}$  pk., \$2.75.

Alfalfa prices are good for January only. Ask for "Weekly Price List" after Feb. 1st. Also ask for samples, showing purity and germination tests. Bags are extra at 40 cents each.



You Can Cut Alfalfa Three Times Each Season, Getting Four or Five Tons per Acre of the very Best Hay.

## GRIMM ALFALFA. (The Alfalfa for Northern Latitudes.)

**L. OLDS SEED CO.** The Variety of Alfalfa known as Grimm is the hardiest of all varieties and best adapted to the Northwest. History. The seed of this variety was brought to Minnesota from Germany in 1857, by a German farmer named Grimm. Prof. W. M. Hays, while at the Minnesota Experiment Station about 1890 found Mr. Grimm growing this alfalfa and at once began calling attention to its hardiness and adaptability to Minnesota conditions. At one time Prof. Hays had advised farmers that it was not worth while to attempt growing alfalfa in the Northwest. Mr. Grimm had never heard of this advice and in his 25 years' experience with alfalfa had not discovered that it was not adapted to Minnesota conditions.

**Characteristics.** Grimm Alfalfa may usually be distinguished from common alfalfa.

**First,** By the fact that the blossoms are usually variegated in color, yellow, green, blue, brown, etc., instead of all purple.

**Second,** By its branching root system instead of the long straight tap root of the common alfalfa. This enables it to withstand the hard winters, the tap root of the common alfalfa often being broken by heavy freezing.

**Third,** By its stronger growth and larger and more spreading top.

**Prof. Graeber, Alfalfa expert at the Wisconsin Station, is very enthusiastic over Grimm seed and seems to think that within a few years farmers of Wisconsin and other northern states will sow nothing else.** He says the farmers who had the genuine Grimm had no winter killing to speak of during the severe winter of 1918. He says many had so-called Grimm which was not genuine Grimm and that killed out the same as common alfalfa.

**Our Grimm Seed is the Genuine.** We again have seed from Mr. J. C. Parkin, a large farmer in the edge of the Black Hills, Western South Dakota. This is the fifth year we have handled Mr. Parkin's Grimm Alfalfa. Our stock this year is not large as the yield was light. The quality is as fine as ever however, and as we know what the strain is and know it is absolutely dependable we consider it the best buy of anything we have to offer even at the higher price.

Our Mr. Olds visited Mr. Parkin and his alfalfa ranch in August 1919 and was delighted with all that he saw there. He found that Mr. Parkin who has a very fine 1,200 acre ranch had just finished cutting his alfalfa for seed. This was the first crop as he took no chances on the second crop. While crops of all kinds were practically a failure all around him owing to the terrible drought, Mr. Parkin had a splendid yield of the finest pure Grimm Alfalfa. The growth was large and it was a wonderful sight.

There were no weed seeds in the seed, just pure alfalfa. 400 acres of the 1,200 acre ranch were in alfalfa and Mr. Parkin plans eventually to have the entire ranch sown to alfalfa, growing nothing but Grimm.

Mr. Parkin says: "Of all crops with which I have had experience alfalfa, at least the Grimm variety, to which my experience has been confined, is in a class by itself as a crop capable of making a luxuriant growth during long periods of drought on moisture stored in the soil. In the year 1917 with less than an inch of rainfall after the fifteenth of May I grew sixty-five acres of alfalfa that produced one ton of hay per acre the first crop and three bushels of seed the second crop. In the same season I had thirty acres the first crop of which was left for seed that produced 8½ bushels of seed per acre. While this was my banner year the yield would have been as good other seasons had it not been for hail. One need have no fear of the Grimm alfalfa winterkilling. In the eight years that I have been growing it none has winterkilled."

Mr. Parkin certainly understands alfalfa and is very enthusiastic over it. We found him a leader in his community, a hard-working, upright man of strict integrity and a man who knows what he is talking about. He has had nothing but Grimm Alfalfa right from the start. Says there is no danger of winter killing with his seed.

We have other nice Grimm seed to offer also, some Dakota grown and some Montana grown. It is all genuine Grimm and in fact we require an affidavit as to the genuineness of the seed from everyone we buy from.

We strongly advise every farmer in the North to sow Grimm seed. Owing to the fact that it makes such a strong growth and stools out so much 10 or 12 pounds of seed is sufficient for an acre whereas 15 to 20 pounds of common alfalfa seed is required. So it really costs no more to seed an acre to Grimm alfalfa than to common alfalfa.

### PRICES OF GRIMM ALFALFA.

Parkin Stock. By mail: Pkt., 10c; ¼ lb., 25c; lb., 90c; 3 lbs., \$2.50. By freight: Lb., 85c; 5 lbs., \$4.00; pk., \$11.00; bu. (60 lbs.), \$42.00; 100 lbs., \$70.00; 500 lbs. at \$69.50. Bags extra.

Other Grimm Seed—By mail: Lb., 80c; 3 lbs., \$2.35. By freight: Lb., 75c; 5 lbs., \$3.50; pk., \$9.25; bu., \$36.00; 100 lbs., \$60.00; 500 lbs. at \$59.50.



An Alfalfa Variety Test in Northern Minnesota. "Each Pile Represents two Representative Square Rods. Grimm: Yield Per Acre, green weight 11552 pounds. Common: Yield Per Acre, green weight, 3232 pounds. The Grimm stand is perfect while the Common is thin. The Grimm Plants are also much Growthier."—Hoard's Dairyman.

## LISCOM OR MONTANA VARIEGATED

We have a limited stock of very fancy dry land Montana grown Liscom alfalfa that produces variegated blossoms the same as Grimm. Liscom has the same characteristics as Grimm and it is claimed it is just as hardy. We consider it nearly if not quite as desirable as Grimm. Our stock is beautiful, bright, clean seed, and it grew in Montana.

### PRICES OF LISCOM OR MONTANA VARIEGATED.

By mail: Lb., 65c; 3 lbs., \$1.75. By freight: Lb., 60c; 5 lbs., \$2.60; pk., \$7.00; bu., \$27.00; 100 lbs., \$45.00; 500 lbs. at \$44.50. Bags extra at 40c.

## SUPERIOR LIMESTONE

"Too much cannot be said in favor of the use of Limestone on acid soils, which means three-quarters of the state of Wisconsin."—Prof. A. R. Whitson, Univ. of Wis.

If you have failed to grow alfalfa on any soil (Hardpan excepted) where your water level is four feet from the surface, the trouble is not with your seed, but with your soil; the soil is lacking in Calcium (Lime).

No soil will produce alfalfa unless it contains a sufficient amount of lime to feed the plant, and when the soil is lacking in lime, nothing can force alfalfa to grow.

This means that your soil must be limed, and the sooner the better; we know of farmers who have wasted enough seed trying to grow alfalfa on sour soil to have paid for liming several times, and have a good stand left.

Every year the absolute necessity of the use of agricultural limestone is being more fully acknowledged, because the facts proved by its use are so positive that contradiction is of no purpose.

It is also true that each year it is made plainer to us that to be most economical in use agricultural limestone must be of a perfect grinding, must be soluble, carry little moisture, and be high in calcium.

Our interest in this matter has caused us to give a careful study to this material, and we are pleased to advise that we have been successful in making arrangements to furnish our customers with SUPERIOR LIMESTONE, the most perfect material yet produced for agricultural purposes.

This will be shipped in car lots direct to our customers from the plant in Dodge County, Wisconsin.

A car is 40 to 50 tons. The freight rate is low anywhere in Wisconsin. To points in other states of course more. In general about 3 tons of lime per acre are required for best results so that an average farmer could very easily use one car, or two or three farmers can combine and order a car together. The lime is very easily applied with a manure spreader.

"Superior Limestone" will last over a period of 7 years, making the cost of liming after all very low.

If you are in doubt as to your soil, mail us a small sample, and we will have it tested for you FREE.

Price of Superior Limestone: \$2.00 per ton, 40 to 50 ton cars, F. O. B., Neda, Wis. We will be glad to quote the exact freight rate to your station if you cannot get it conveniently from your agent.



By Courtesy of the Wisconsin College of Agriculture.

## STANDARD INOCULATING BACTERIA.

### INOCULATE YOUR ALFALFA SEED BEFORE SOWING.

Alfalfa can be successfully grown on some part of almost every farm in the country by using good seed, thoroughly inoculated just before sowing. Alfalfa does not succeed without the alfalfa bacteria. Transfer of soil for inoculation is usually effective but is troublesome and expensive. Furthermore, it allows the spreading of weeds, also crop and soil diseases.

But you can inoculate the seed with our Standard Inoculating Bacteria easily and quickly and at very slight expense.

### LEGUMES.

Alfalfa, clover, beans, peas, vetch and all pod bearing plants are called legumes. Under certain circumstances these leguminous plants may develop wart like formations on their roots called nodules, each nodule being simply a colony of living germs. Nodules, however, do not develop on the roots of legumes, unless one of these living germs, called bacteria attaches itself to the root of the plant, to form the basis of a nodule.

### LEGUMES DO NOT ENRICH THE SOIL UNLESS INOCULATED.

"The peculiar value of legumes for maintaining and increasing the fertility of soils is due to certain bacteria which develop nodules upon the roots of leguminous plants and which have the unique power of rendering the free nitrogen of the atmosphere available for plant growth. Without these bacteria, legumes, like other crops, exhaust the soil of its combined nitrogen."—Farmer's Bulletin No. 315.

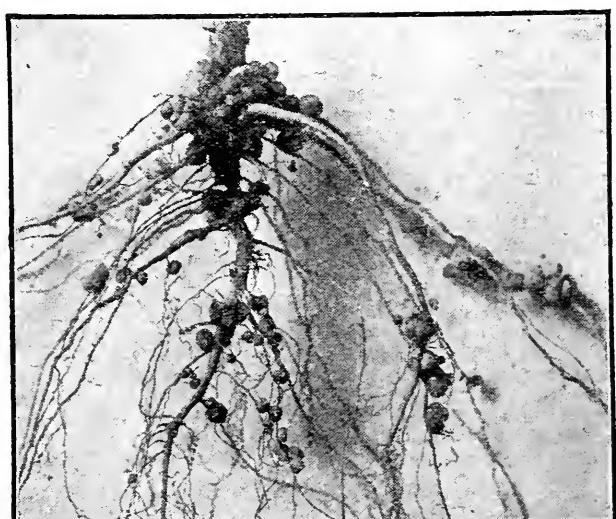
Standard Inoculating Bacteria is guaranteed to produce results equal to any inoculation on the market. Seed for ten acres can be thoroughly inoculated in ten minutes. We will refund after one year's time money paid us for inoculation if the results were not entirely satisfactory.

Standard Inoculating Bacteria is prepared for legume crops in one, two, four and six acre sizes. We have combination cultures as below for the principle crops. Mention the crop you want it for or order by letter.

- A—For Alfalfa and Sweet Clover.
- B—For Soy Beans.
- C—For Cow Peas.
- D—For Red, Mammoth, Alsike, Crimson and White Clover.
- E—For Vetch.
- F—For Beans, Field and Garden.
- H—For Field Peas.
- I—For Garden Peas.
- J—For Sweet Peas.
- K—For Garden Mixture, Peas, Beans and Sweet Peas.

Prices for all Standard Inoculating Bacteria: Garden Size, 45¢; by mail, 50¢; 1-acre size, 70¢; by mail, 75¢; 2-acre size, \$1.35; by mail, \$1.45; 4-acre size, \$2.15; by mail, \$2.25; 6-acre size, \$2.85; by mail, \$3.00.

Ask for 6-page folder giving further information.



Nodules produced with Standard Inoculating Bacteria.

## SWEET CLOVER. (The Great Fertilizer and Hay Crop.)

Sweet Clover has become a staple crop and is grown now in all sections. It is "No longer a despised weed." The seed this year is very reasonable in price and it is a good year to sow it.

A few of the reasons why sweet clover is valuable:

1. It grows readily on most all soils and locations. In fact it grows on poor soils where nothing else will grow. Every farmer who has some waste land should certainly sow some.

2. It has the same sort of bacteria laden nodules as alfalfa and inoculates a farm for that crop.

3. Sweet Clover brings land up rapidly and fits it not only for alfalfa but for crops of all kinds. Those who have grown corn after both sweet clover and alfalfa say that the sweet clover brings more fertility than the alfalfa. As a soil renovator it has no equal.

4. It can be pastured while alfalfa cannot.

5. Cattle and hogs both very soon acquire a taste for sweet clover and thrive on it. All stock relish it when once taught to eat it.

6. It makes a profitable hay crop if cut early before it gets too large, while the second crop may be harvested for seed.

7. Eight to twelve bushels of seed can easily be hulled from an acre and the seed is in demand.

Sow 15 to 20 pounds of seed per acre either spring or fall but preferably in spring. The white blossomed variety is the most valuable. Hull seed is preferable to unhulled as it germinates more readily. Scarifying the seed also makes it germinate better. We have a machine for scarifying and use it on our seed when needed. The seed should be inoculated for best results. See below, also preceding page.

Prices: White Blossom, Hulled Seed, Superb Brand: By mail: Lb., 40c; 3 lbs., \$1.10. Freight: Lb., 35c; 5 lbs., \$1.50; pk., \$2.95; bu., (60 lbs) \$10.80; 100 lbs. \$18.00; 500 lbs. at \$17.50.

Old Gold Brand: Pk., \$2.80; bu., \$10.20; 100 lbs., \$17.00; 500 lbs. at \$16.50.

Bags are extra at 40 cents each. Ask for "Weekly Price List" after February 1st. Also for samples giving tests.

"Seed I get from the Olds Company I Can Bet all I have is Right."

Chas. Kelley, Chicago, sent in his order under date of Dec. 8, 1919, the order consisting mostly of alsike and mammoth clover and amounting to \$1,594.50, a check for which he enclosed and wrote as follows:

"I am just in receipt of your favor of Dec. 5th and note what you say about Alsike Clover seed. While the prices you quote look awfully high, and I can buy seed elsewhere a trifle cheaper, yet I feel that on any seed I get from the Olds Company that I can bet all I have it is right, hence I am warranted in paying a little bit more than under different conditions. So, on receipt of this letter you can ship the following order to B. B. Curtis, Monon, Indiana, via freight, charges collect."

A. R. Parsons, Newfield, N. Y., writes Jan. 27, 1920: "I would state that 15 pounds of Grimm seed bought of you in 1917 lived and grew a good crop of hay, while common alfalfa in the same field winter killed. Also that it yielded more hay than Cossack seed bought of \_\_\_\_\_."



This Field of Sweet Clover Yielded 5 Tons of Hay per Acre in One Cutting.

### The Improved Soil Inoculator, Nobbe-Hiltner Process

# NITRAGIN

TRADE MARK REG'D DEC 6 1898 NO 32212

### Restores and Maintains Soil Fertility

Nitragin is the original Pure Culture, discovered by Nobbe and Hiltner, famous bacteriologists. It has been perfected by 20 years of scientific testing, in the laboratory and on the farm. Has been widely advertised during all this time and is well known.

Its use means a good catch and a good stand of clover, alfalfa, cow peas, soy beans, peas, beans, vetch, sweet peas, and all other legumes. Inoculated with NITRAGIN they take nitrogen, the most expensive of fertilizers, from the air and store it in the soil for future use.

Remember, all leguminous crops should be treated with either Nitragin or Standard Inoculating Bacteria.

Nitragin is prepared for the different leguminous crops in different sizes as follows. Mention the one you want.

Culture A, for Alfalfa and Sweet Clover.

Culture B, for Red, Mammoth, Alsike, Crimson and White Clover.

Culture C, for Vetch, Field Peas and Garden Peas.

Culture D, for Field Beans and Garden Beans.

Special Soy Bean Culture, for Soy Beans.

Special Cow Pea Culture, for Cow Peas.

Special Sweet Pea Culture, for Sweet Peas.

### PRICES OF ALL NITRAGIN CULTURES FOR 1921.

Garden Size (For Peas, Beans and Sweet Peas only) 30c; by mail, 35c. 1/2 Acre Size, 50c; by mail, 55c. 1 Acre Size, \$1.00; by mail, \$1.05. 2 Acre Size, \$1.80; by mail, \$1.90. 5 Acre Size, \$4.00; by mail, \$4.15. 10 Acre Size, \$7.50; by mail, \$7.75.

"Legume Growing and Soil Improvement," a 16-page book, free on request.



"Nitragin" is shipped to you by mail or express in a ventilated can in a granular medium, in which the germs will live for a long time.

## OLDS' HIGH GRADE TIMOTHY.



TIMOTHY SEED is one of our specialties and we are in position to furnish pure clean seed all the time at the lowest possible prices.

The prices named here are subject to change. They probably will be higher. Our Superb Brand represents the best, Old Gold Brand the next best. Ask for samples giving official tests.

Prices, Superb Brand: By mail: Lb., 25c; 3 lbs., 65c. By freight: Lb., 20c; 5 lbs., 65c; pk., \$1.25; bu. (45 lbs.), \$4.30; 100 lbs., \$9.50; 500 lbs. at \$9.25. Bags extra at 40c.

Old Gold Brand: Bu., \$4.15; 100 lbs., \$9.25; 500 lbs. at \$9.00.

TIMOTHY AND ALSIKE MIXED. (1-5 Alsike); Pk., \$1.80; bu., (45 lbs.), \$6.30; 100 lbs., \$14.00; 500 lbs. at \$13.75.

Prices on all the following grasses, the rest of this page, include the sacks. While prices may change in some instances after Feb. 1st they will probably stand as given here for the season. Ask for special prices on large quantities. We handle only the best grades.

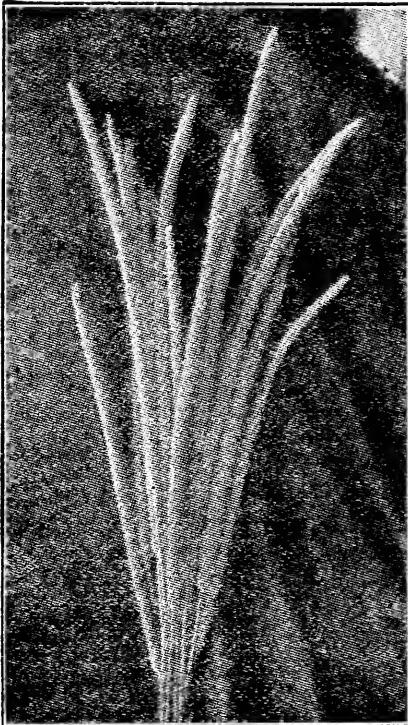
## BROME GRASS.

### (BROMUS INERMIS.)

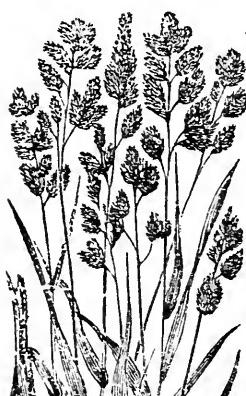
Yields enormous quantities of hay and makes abundant pasture. It defies drouth, and is not affected by frost. Splendid for a permanent grass. Sow 20 pounds per acre early in spring. Our seed is very choice, absolutely free of quack.

By mail: Lb., 50c; 3 lbs., \$1.35. By freight: Lb., 45c; 5 lbs., \$1.90; 10 lbs., \$3.50; 100 lbs., \$27.50; 500 lbs. at \$27.00.

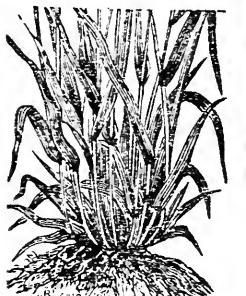
ORCHARD GRASS. Withstands drouth, will grow in the shade, and does well on poor land.



Olds' High Grade Timothy.



ORCHARD GRASS.



(Bromus Inermis)

By mail: Lb., 40c; 3 lbs., \$1.05. By freight: Lb., \$2.75; bu., (14 lbs.), \$3.50; 100 lbs., \$22.00; 500 lbs. at \$21.50.

KENTUCKY BLUE GRASS (Fancy). Also known as June Grass. Well suited for pasture, and the standard lawn grass. By mail: Lb., 50c; 3 lbs., \$1.35. By freight: Lb., 45c; bu. (14 lbs.), \$4.65; 100 lbs., \$31.00.

CANADIAN BLUE GRASS. Desirable for pasture mixtures and used also for lawns. By freight: Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$19.00.

RED TOP. The most valuable general purpose grass we have. A good meadow grass, one of the best for pasture and splendid for lawns. Fancy Solid Seed. (Recleaned, free from chaff.) By mail: Lb., 35c; 3 lbs., 95c. By freight: Lb., 30c; 10 lbs., \$2.25; 100 lbs., \$17.50.

Unhulled Seed. By freight: Bu., (14 lbs.), \$1.85; 100 lbs., \$11.50.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows. Succeeds well in the shade. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$1.50; 100 lbs., \$10.50.

ITALIAN RYE GRASS. Similar to the preceding, but larger and stronger in growth. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$1.60; 100 lbs., \$11.50.

PACEY'S RYE GRASS. Similar to English Rye Grass, but smaller and more dwarf. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$1.70; 100 lbs., \$12.50.

MEADOW FESCUE. (English Blue Grass.) By mail: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; 10 lbs., \$3.50; 100 lbs., \$32.00.



Olds' Meadow Mixture.

## OLDS' MEADOW MIXTURE.



For a permanent stand of grass to be cut for hay. It consists of the same grasses as used in our Pasture Mixture, but in different proportions, the Blue Grass being left out.

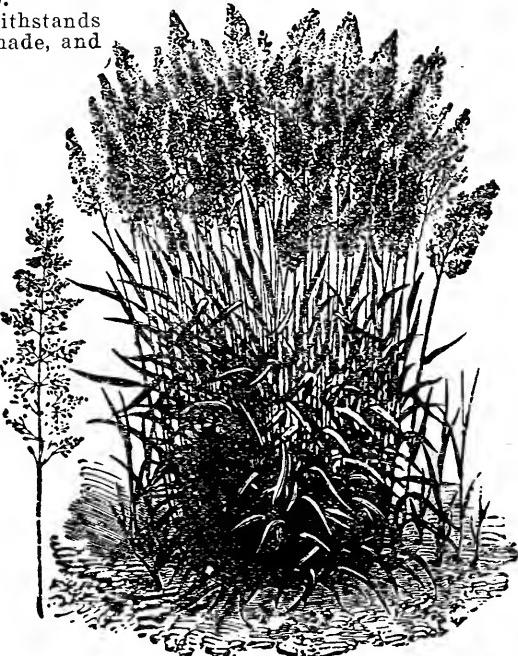
By freight: Lb., 30c; 10 lbs., \$2.25; 100 lbs., \$18.00; 500 lbs. at \$17.50.

If seed is ordered sent by mail at the freight prices, add sufficient to cover postage.



Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Meadow Fescue, Blue Grass, and others.

By freight: Lb., 30c; 10 lbs., \$2.25; 100 lbs., \$18.00; 500 lbs. at \$17.50.



Red Top.

CREEPING BENT. Crop very short. By mail: Lb., \$1.00; 3 lbs., \$2.75. By freight: Lb., 95c; 10 lbs., \$8.00; 100 lbs., \$75.00.

RED FESCUE. Fine for putting greens. By freight: Lb., 50c; 10 lbs., \$4.50; 100 lbs., \$40.00.

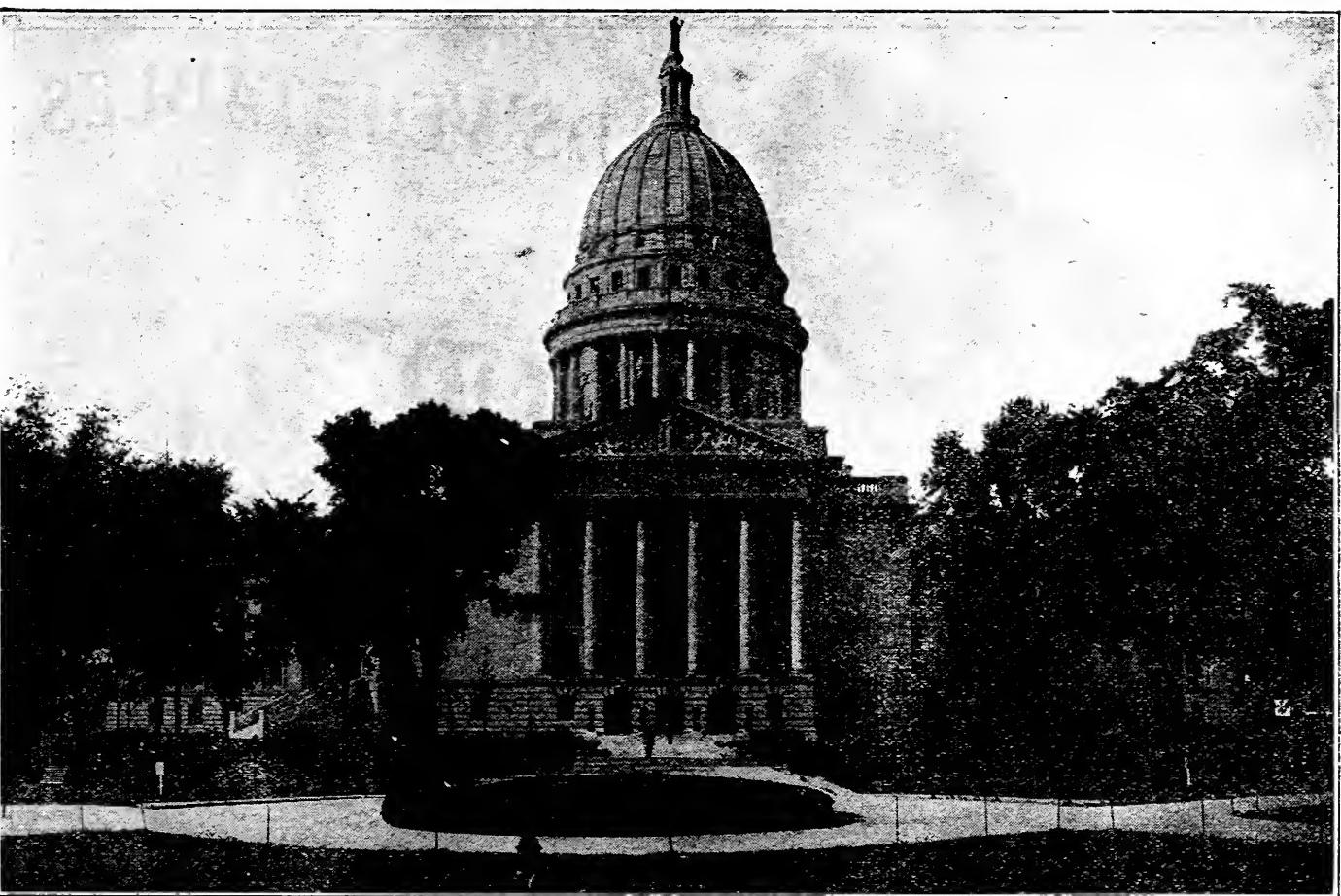
SLENDER FESCUE. Fine for lawns. By freight: Lb., 50c; 10 lbs., \$4.50; 100 lbs., \$42.00.

ROUGH STALKED MEADOW. By freight: Lb., 70c; 10 lbs., \$6.50; 100 lbs., \$60.00.

MEADOW FOXTAIL. Valuable for low ground. By freight: Lb., 50c; 10 lbs., \$4.50; 100, \$39.00.

TALL MEADOW OAT GRASS. For dry soils. By freight: Lb., 50c; 10 lbs., \$4.50; 100, \$40.00.

## OLDS' PASTURE MIXTURE.



The Building That Every Citizen of Wisconsin is Proud of.

## OLDS' LAWN GRASS.

We have made a study of high grade lawn grass and offer five very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain Timothy and none are cheap mixtures. Our customers do not want the sort of worthless stuff that is offered in packages at many of the stores throughout the country.

**CULTURE:**—Sow Lawn Grass at the rate of one pound for each 300 square feet, or not less than 100 pounds per acre. Early spring is the best time for sowing although lawn grass may be sown most any time when the ground can be worked. Have the soil thoroughly prepared. Use Bone Black for fertilizer or pulverized sheep manure. Every lawn, new or old, needs fertilizer. See page 107.

### OLDS' CAPITAL LAWN GRASS.

Everyone who visits Madison in the summer time is filled with admiration not only for the beautiful and magnificent building that Wisconsin citizens are all proud of but for the rich, even green of the capital lawn. Olds' Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make this beautiful lawn. It is composed of solid heavy seed of the highest germination. We recommend it as satisfactory for all ordinary locations where proper care is taken in making the lawn and where a thick, luxuriant growth is desired that will be uniform in appearance. We are sure that everyone who sees the grass surrounding Wisconsin's beautiful Capitol will say "That is certainly good enough for me."

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 5 lbs., \$1.65; 10 lbs., \$3.20; 100 lbs., \$28.00.

### OLDS' MADISON PARKS LAWN GRASS.

Olds' Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportions. It is nearly all solid seed, heavy and expensive. The seeding in Tenney Park, Brittingham Park and Vilas Park here in Madison is all from this mixture and many of the new private lawns in Madison are from this seed.

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 5 lbs., \$1.65; 10 lbs., \$3.20; 100 lbs., \$29.00.

### OLDS' SHADY PLACE LAWN GRASS.

We have prepared this mixture very carefully for sowing under large trees and in other deeply shaded places where ordinary grasses do not succeed well. It is made up largely of rare and high-priced grasses such as Slender Fescue, Red Fescue, Creeping Bent, Rough Stalked Meadow, etc.

By mail: Lb., 45c; 3 lbs., \$1.30. By freight: Lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.70; 100 lbs., \$35.00.

### OLDS' UNIVERSITY LAWN GRASS.

This is a high grade lawn grass made up of nearly the same high-priced grasses as those used in our Madison Parks Lawn Grass with the addition of Pacey's Rye Grass. Creeping Bent, the famous golf-link grass, is largely used in University Lawn Grass. We recommend University Lawn Grass as a complete grass for a permanent lawn, and as the best for golf links.

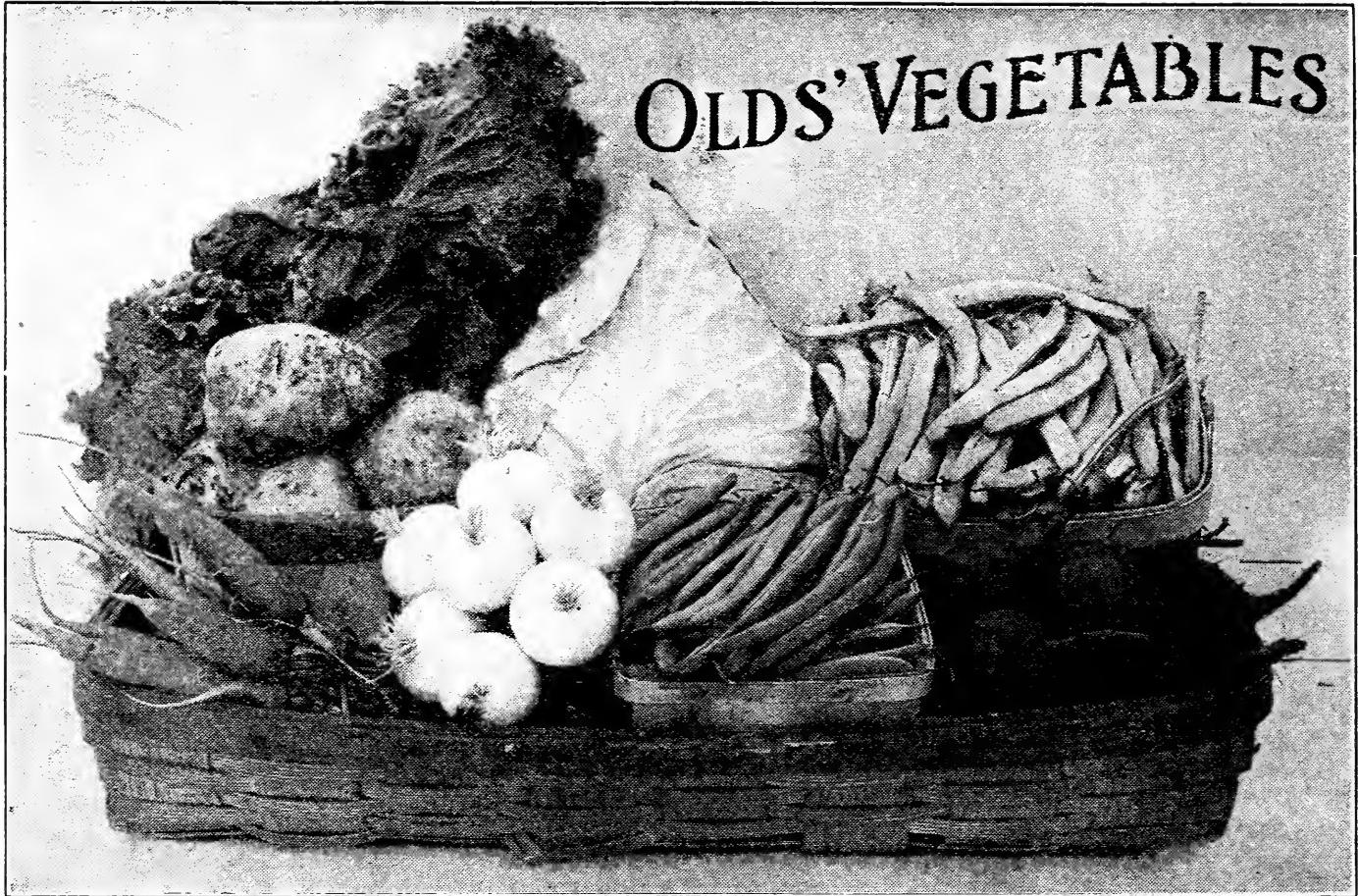
By mail: Lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 5 lbs., \$1.40; 10 lbs., \$2.70; 100 lbs., \$24.00.

### OLDS' OLD GOLD LAWN GRASS.

We have been making and selling Old Gold Lawn Grass for years and it has given general satisfaction to our customers. This mixture will probably make a better showing the first year than any of the above, although all right too for a permanent lasting growth. It contains no timothy.

By mail: Lb., 30c; 3 lbs., 85c. By freight: Lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.20; 100 lbs., \$20.00.

(All Lawn Grass prices include sacks. We use only the best grades of seed in all the mixtures.)



# OLDS' VEGETABLES

Olds' Seeds are grown for seed purposes only and are equal to any offered. We catalog only varieties of merit—those that we know can be relied on. See our collection offer of Wisconsin Standards, in the center of this book, pages 56 and 57.

Our seeds are put up fresh each year, with the stock number and year stamped on the package. Where our TRADE MARK appears, it indicates varieties we have been instrumental in introducing. To help those who might be confused by a long list, we have marked with a (★) those we especially recommend for general cultivation.

**POSTPAID BY MAIL. WE DELIVER POSTPAID TO ANY POST-OFFICE IN THE UNITED STATES ALL VEGETABLE AND FLOWER SEEDS OFFERED IN THIS CATALOG AT MAIL PRICES.**

## \$2.00 WORTH OF PACKETS FOR \$1.50.

Make seeds as well as other things, go as far as possible. Our packets are liberal in size and in most cases contain plenty of seed for one planting. To encourage ordering seeds in packets, we offer a discount of 25 per cent on all packets ordered, provided the order for packets amounts to \$2.00 or more. This discount applies to packets only and does not include ounces, quarter-pounds, and larger quantities.

If you are a Market Gardener, write for our Market Gardeners' Price List. It will be sent on request to those who grow for market. Special prices given on large orders for garden seed—send us your list early.

Prices from the market gardeners' list and special prices are net and not entitled to Discount.

L. L. Olds Seed Company never knowingly send out seeds which will not grow or are not in every way as represented, but we give no warranty express or implied, as to description, purity, productiveness, or any other matter, of any seeds we send out, and will not be responsible for the crop, further than the amount of the order.



**TESTED SEEDS.** We test our Seeds before offering them and do not send out seeds unless they show a good test, but should they fail to grow, after being properly planted, we will replace the same amount or give equal value in others.

**BUYING SEEDS** is largely a matter of confidence. Our customers know that they can place confidence in us and in our seeds. Every year we add a lot of new customers to our list, who send us their orders because some friend has recommended our seeds. We appreciate this and want to thank them for it.

**DO NOT QUIT GARDENING** because you can buy some things at the stores cheaper than last year—make your garden work full time and plan to plant a large Home Garden in 1921, also let Olds furnish the seeds.

We are endeavoring to develop, by careful and continual selection, better and truer strains of many of the older varieties. At the same time we are constantly testing new kinds, in our trial grounds, in an effort to find sorts that excel so that we may offer the best to our customers.

## OLDS' ASPARAGUS

The Asparagus bed furnishes the first green delicacy for the table in the spring, is universally popular, and requires but little care. Leaflet on Asparagus Culture, free on request. Each Packet contains  $\frac{1}{4}$  oz. of seed and will plant 15 feet of drill. We recommend planting roots, however, rather than seed.

1. **CONOVER'S COLOSSAL.** The standard variety. Two-year-old roots, 25, 50c; 100, \$1.50. By express or freight, not prepaid: 25, 40c; 100, \$1.25; 1,000, \$7.50. SEED: Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.00.

2. **COLUMBIAN MAMMOTH WHITE.** A new variety, with white shoots that stay white. Rather more vigorous in growth and with larger shoots than Conover's Colossal. Two-year-old roots, 25, 55c; 100, \$1.60. By express or freight, not prepaid: 25, 45c; 100, \$1.35; 1,000, \$8.00. SEED: Pkt., 10c; 2 pkts., 15c; oz., 20c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25.

5. **PALMETTO.** The plants are vigorous in growth, producing large thick dark green shoots with a distinctly pointed tip. Roots and seed, same price as for Conover's Colossal.

6. **NEW GIANT RUST PROOF** (Washington). Washington Asparagus is an extremely vigorous and high-yielding strain of giant asparagus. The plants are uniformly rust resistant, heavy yielding, large size, of rapid growth and very tender. The Washington is truly an American strain, free from the blight and rust of Central Europe. Price for 1921: Pkt., 15c; 2 pkts., 25c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.75.

We can furnish one-year-old roots of Columbian Mammoth White, and Palmetto; 25, 30c; 100, 85c. By express or freight, not prepaid: 100, 60c; 1,000, \$5.00. Special prices on larger lots on application.

**SPECIAL NOTICE.** We no longer sell beans by the pint, quart, peck, bushel or fraction thereof. Selling by the pound is more accurate, fairer and more sensible than by the old method of pint, peck and bushel.



## BEANS

Our beans are Northern grown, thoroughly rogued and carefully hand-picked. Those marked with a star are varieties we specially recommend. Order by number. Our packets contain two ounces each, and will plant from 6 to 10 feet of drill. One pound will plant 50 to 75 feet of drill;  $1\frac{1}{4}$  bushels one acre.



20 $\frac{1}{2}$ . **\*OLDS' EARLY STRINGLESS WAX.** A new Wax Pod Bean—early, prolific and luscious. This bean is early, hardy, very prolific, entirely stringless, and as good, in quality and productiveness, as Burpee's Stringless Green Pod. It is a cross of Valentine Wax and Burpee's Stringless Green Pod. Olds' Stringless Wax grows upright, bearing the beans well off the ground and is loaded with large, handsome pods. The pods average six inches in length, are light yellow in color, well filled and meaty: they are entirely stringless and of the most delicious flavor. It is the most prolific bush bean we know of and this combined with its large, handsome, delicious, stringless pods, makes it most valuable for any and every purpose.

We have been growing this bean for several years and by careful rogueing and selection have greatly improved it. The crop this year in common with the crop of other varieties of beans is good and our price for a new variety is very reasonable. Price for 1921: Pkt., 15c; 2 pkts., ( $\frac{1}{4}$  lb.) 25c; lb., 35c; 2 lbs., 65c.

19 $\frac{1}{2}$ . **OLDS' LATE STRINGLESS WAX.** New Stringless Wax Pod—Our 1921 Introduction. Olds' Late Stringless Wax Pod is a selection from Burpee's Stringless Green Pod, but excels even that variety in delicious table quality. The long handsome waxy yellow pods are brittle, very meaty, and perfectly round—see illustration. The pods are crisp, tender and entirely stringless. It is a heavy yielder and the plants withstand unfavorable weather and soil conditions better than do most other varieties.

In season it immediately follows Olds' Early Stringless Wax, the two forming a close succession if the seed is planted at the same time. We offer these beans in a limited way this year: Pkt., 15c; 2 pkts. ( $\frac{1}{4}$  lb.), 25c; lb., 50c; 2 lbs., 95c.

**OLDS' EARLY STRINGLESS AND OLDS' LATE STRINGLESS WAX POD BEANS.** One pkt., each, 25c; one lb., each 75c.

**REMEMBER.** We pay the postage on garden seeds, regardless of zone, unless otherwise mentioned. See page 39 for prices of Beans by express or freight.

CULTURAL DIRECTIONS are printed on the back of each packet and ounce package of garden and flower seeds.



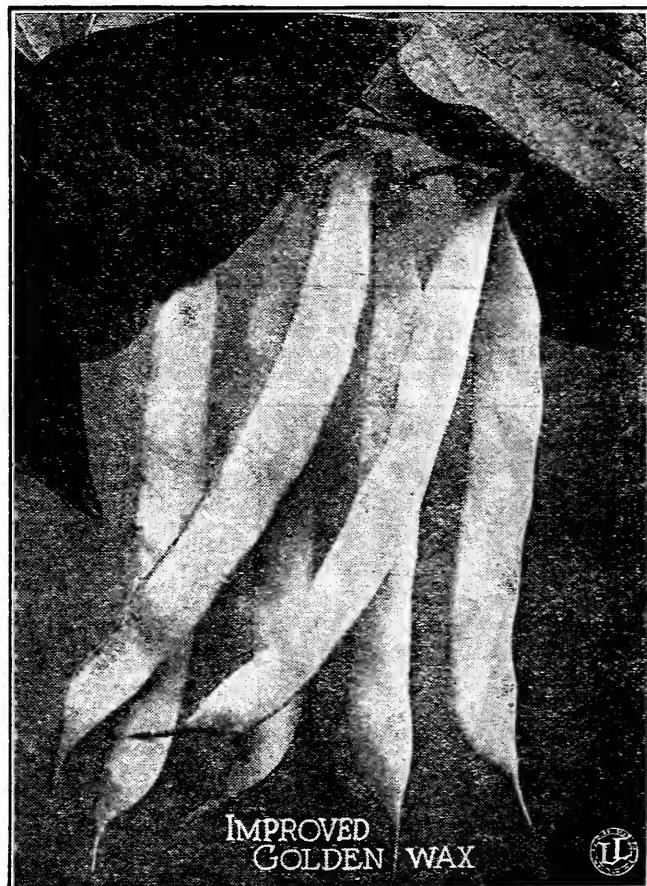


13. **BOUNTIFUL.** A new stringless Bush Bean. Extra early, tender, large-podded (see above), and a bountiful yielder. The flat green pods are absolutely stringless and entirely free from tough, membranous lining. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden and just right for the truck patch. Pkt., (2 oz.), 10c; 2 pkts. ( $\frac{1}{4}$  lb.) 15c; 1 lb., 35c; 2 lbs., 60c.



**OLDS' PENCIL POD WAX.** This bean is very early, very productive and of most excellent flavor. The pods are long, straight, round like a pencil, fleshy, and of a bright yellow color; absolutely stringless—try it. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; 1 lb., 35c; 2 lbs., 65c.

**REMEMBER.** We pay the postage regardless of zone, on seeds ordered by the packet, ounce, quarter-pound, pound, and up to five pounds in weight, unless otherwise noted.



20. **IMPROVED GOLDEN WAX.** The standard flat, wax-podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The plants are very bushy and not susceptible to blight. The pods are large and handsome—they are also tender, brittle and absolutely without strings or coarse fibre at all stages until maturity, the color is a rich golden-yellow. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; 1 lb., 35c; 2 lbs., 60c.

#### A FEW VEGETABLE SEED SPECIALTIES FOR 1921.

In vegetable seed specialties we are pleased to offer for 1921 such promising sorts as Washington Rust Resistant Asparagus, Olds' Early Stringless Wax Beans, Olds' Late Stringless Wax Beans, Webber Wax Beans, Olds' Earliest Forcing (Fireball) Beet, New Danish Brussels Sprouts, Wisconsin Hollander (disease resistant) Cabbage, Olds' Half Long Stump Rooted Carrot, Easy Blanching Celery, Witloof Chicory, Olds' Ideal Early Sweet Corn, Early July Sweet Corn, Olds' Blue Beauty Pop Corn, True Tom Thumb Rice Pop Corn, Olds' Earliest White Spine Cucumber, Klondike (the best dark green) Cucumber, High Bush Egg Plant, Olds' Earliest Forcing (Grand Rapids) Lettuce, Olds' Early Model Musk Melon, The Famous Honey Dew Melon, New Brazilian Watermelon, Klondike Watermelon, The Winter Watermelon, Wayahead Lettuce, Olds' Three Best (Golden, Silver and Crimson) Globe Onions, Hamburg (Turnip-rooted) Parsley, Laxtonian Peas, Pioneer Peas, Peter Pan Peas, Royal King Pepper, Olds' Brightest White Tip (Sparkler) Radish, Giant Butter Radish, Manifold Tomato, Red Rock Tomato. We also offer several new varieties of flowers, including two new Asters, New Cosmos, Eldorado Poppy and Giant Flowered Zinnias; also have added several varieties of Decorative Dahlias and other choice flowering Bulbs and Plants.

**"OLDS' CATALOG TELLS THE TRUTH."**



STRINGLESS  
GREEN POD



WARDWELL'S  
KIDNEY WAX

**15. ★STRINGLESS GREEN POD.** (Burpee's.) The best green pod. It is early, hardy and productive, bearing handsome pods which are entirely stringless even when fully matured. The pods are five inches long, of a rich green color, very round and straight. By repeated plantings, fine pods may be had in constant succession from spring until cut off by heavy frosts in the fall. For either the market or home garden, no other green podded bean is so entirely satisfactory. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; lb., 35c; 2 lbs., 60c.

**14. THE LONGFELLOW.** A new Green Pod Bean. An extra early variety with perfectly round, straight, fleshy pods—very tender and brittle. We heartily recommend this variety. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; lb., 35c; 2 lbs., 60c.

If you are a market gardener and grow vegetables for market, send for our market gardeners' net price list—free, on request.

Remember garden seed prices include parcel postage, unless otherwise noted.

**25. ★HODSON'S ROUND POD KIDNEY WAX.** A handsome second early wax bean. This new bean combines all the good qualities of Wardwell's Kidney Wax, with the best round-podded sorts. It is the same in season as Wardwell's, and is entirely free from rust. The plants are stocky, and very productive. The pods are large, handsome, of a rich lemon-yellow, and stringless. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; lb., 35c; 2 lbs., 65c.

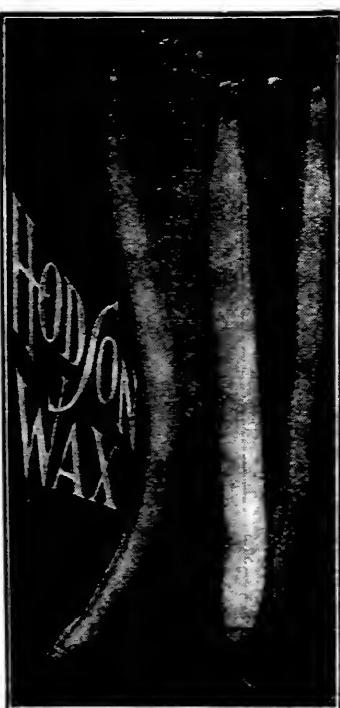
**27. NEW HODSON WAX.** The new wax bush bean and one never affected by rust or blight. This bean is in a class by itself—it is remarkable for its great size of bush and length of pod. The pods are from 7 to 8 inches long—see illustration. Altogether it is just the bean for market gardeners and truckers. The plants should be thinned out to at least 6 inches in the row on account of the great size of the bush. Pkt., (2 oz.) 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; lb., 30c; 2 lbs., 55c.

Beans weigh 60 lbs. to the bushel (Wisconsin legal weight), except Lima Beans, which weigh 56 lbs. A pint of beans weighs a little less than one pound and a quart a little less than 2 pounds. One pound will plant 75 feet of drill.

**23. WARDWELL'S KIDNEY WAX.** One of the earliest, hardiest and most productive wax pod beans. Pods are long and showy, a third longer than Golden Wax, and a week earlier. A rich, golden, yellow, brittle and entirely stringless. Pkt., (2 oz.), 10c; 2 pkts. ( $\frac{1}{4}$  lb.) 15c; lb., 35c; 2 lbs., 65c.

**16. GIANT STRINGLESS GREEN POD.** A distinct early variety. The plants make a strong growth and are very productive. The pods are about five inches long, light green in color, slightly curved, very meaty and absolutely stringless. An excellent sort for the home garden. Try it. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; lb., 35c; 2 lbs., 60c.

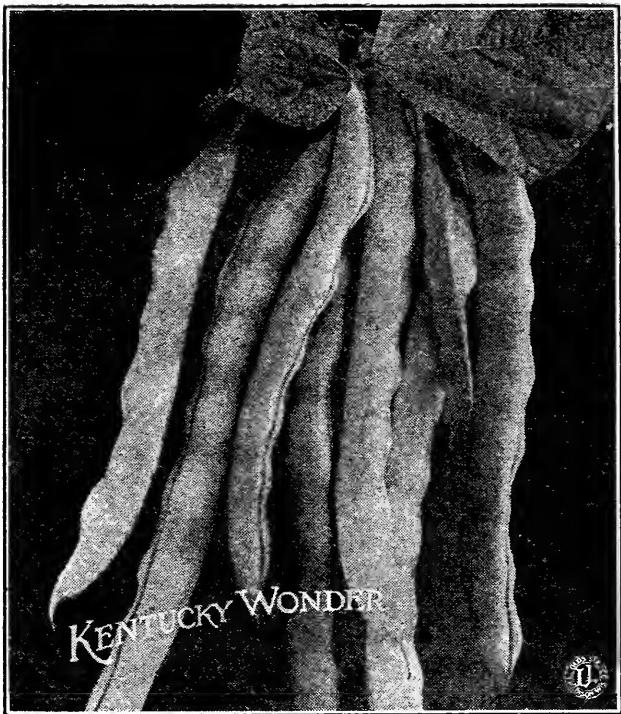
**26. WEBBER WAX.** The best wax bean for the market gardener. The flat lemon-yellow pods are stringless and quite meaty. Very early, one of the earliest wax varieties, and an enormous yielder. It is disease resistant, hardy and altogether a very dependable sort. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; lb., 35c; 2 lbs., 60c.



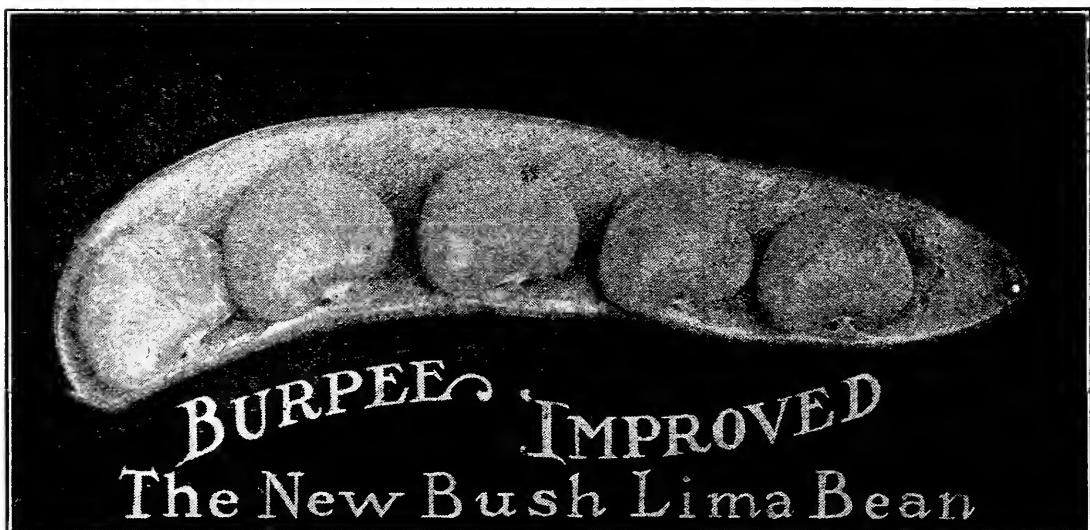
INSURED PARCEL POST. Packages of from \$15.00 to \$25.00 in value will be insured free, on request.



12. **IMPROVED ROUND POD VALENTINE.** An old favorite—producing snap-beans in 45 days from planting. The pods are of medium length, crisp and tender. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; 35c; 2 lbs., 60c.



38. **KENTUCKY WONDER POLE.** A very popular variety. The vines are vigorous in growth and are very productive. The pods are borne in clusters; entirely stringless and cook tender. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; 1b., 35c; 2 lbs., 60c.



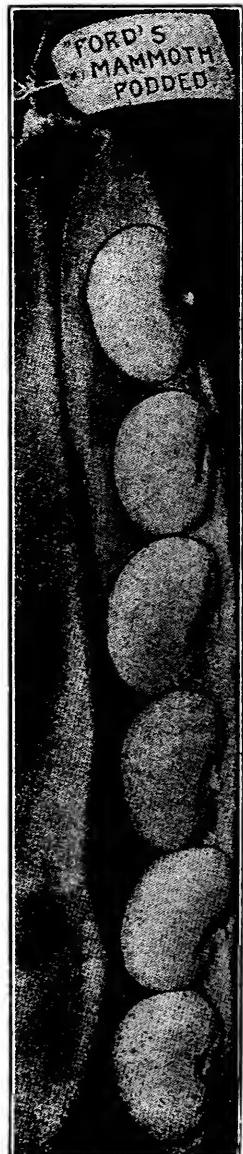
34. **BURPEE-IMPROVED BUSH LIMA.** Earlier, larger and more productive than Burpee's Bush Lima. The bush is vigorous in growth, upright and has a heavy foliage. The pods are uniform in size, with an average of five beans to a pod—see illustration above. The beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. This bean is a great improvement over the well-known Burpee's Bush Lima. Pkt., (2 oz.), 10c; 2 pkts. ( $\frac{1}{4}$  lb.) 15c; 1b., 50c; 2 lbs., 90c.

30. **★BURPEE'S BUSH LIMA.** A true bush lima bean, requiring no poles or supports. Burpee's Bush Lima can be successfully grown by any one, and it ought to be in every garden. The bushes grow erect 18 to 20 inches high. Each pod contains 3 or 4 large beans; very tender and of a delicious flavor. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; 1b., 45c; 2 lbs., 80c.

33. **FORD'S MAMMOTH PODDED.** The largest podded, finest flavored and most productive Pole Lima Bean. The pods average 8 inches in length, with from five to seven beans in a pod (see illustration), excellent for using either green or dry. The vines grow vigorously, setting beans early, and continuing to bear right up to frost. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; 1b., 45c; 2 lbs., 80c.

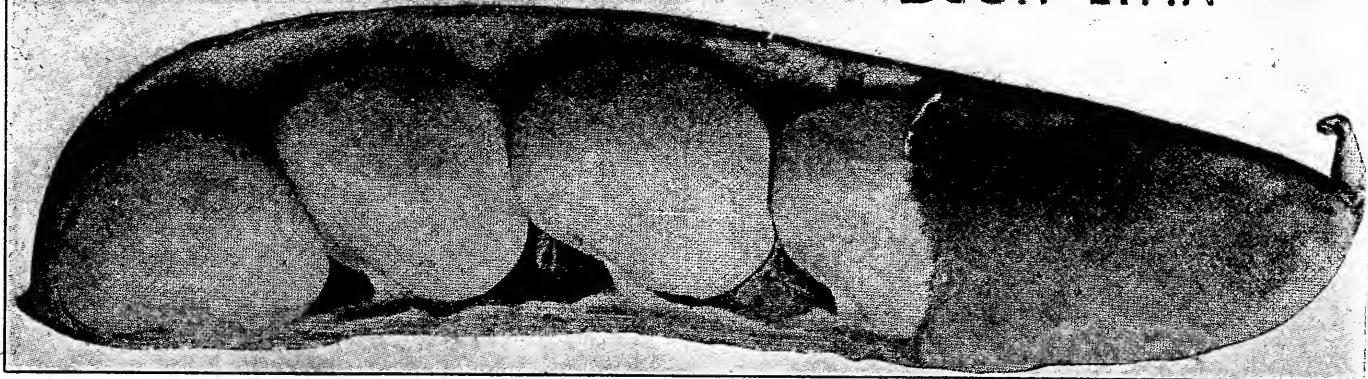
33½. **GREEN SEEDED CARPINTERIA.** The most perfect Pole Lima Bean. Very productive, producing pods five to six inches long, usually filled with four large, thick, luscious green beans. Splendid for the home and market garden. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; 1b., 40c; 2 lbs., 75c.

36. **LAZY WIFE POLE.** A very popular Pole Bean. A great favorite with the housewife, stringless and of a rich, buttery flavor. The pods are dark green in color,  $4\frac{1}{2}$  inches in length, and are produced in great abundance. Pkt., (2 oz.), 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; 1b., 40c; 2 lbs., 70c.



Instead of the little booklet on cultural directions, we are printing directions for planting and cultivating on the back of each packet and ounce package.

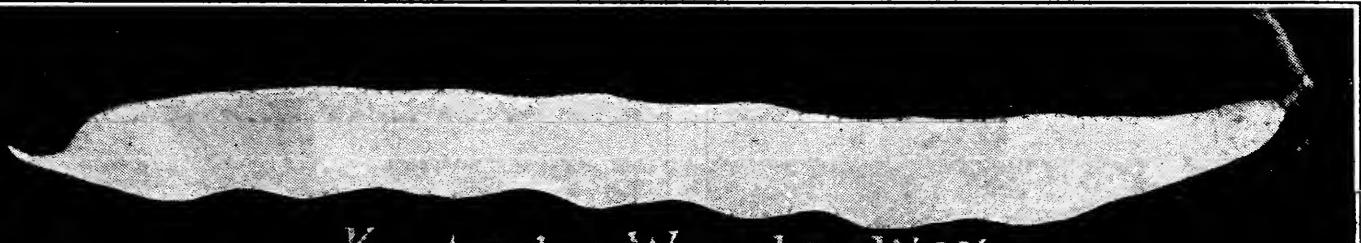
# FORDHOOK BUSH LIMA



**34½. FORDHOOK BUSH LIMA.** An improved dwarf lima with plants growing erect and bearing well above the ground. The pods are medium green in color; from four to five inches long, and are produced in large clusters—they contain from 3 to 5 large beans (illustrated above) and are of fine quality. The beans are large, white with greenish tinge, thick and meaty. Fordhook Bush Lima is the most prolific of all the bush varieties and we consider it a valuable addition to our list. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.) 15c; 1 lb., 50c; 2 lbs., 90c.

**PARCEL POST SERVICE** enables you to procure the best seeds direct from a regular seed house, at slight expense. Our catalog gives the postpaid price on Garden Seed in quantities up to 5 lbs. in weight. Larger shipments can be sent cheaper by freight or express, but for small orders parcel post is the cheapest and quickest.

**ORDER EARLY.** There will be a great demand for Garden Seeds this year. The short varieties will naturally go first. We urge every one to send in his order by mail as soon as possible. It will enable us to give the order better attention and will be of mutual benefit.



## Kentucky Wonder Wax

Kentucky Wonder Wax. Pkt., 10c; 2 pkts., 15c; 1 lb., 40c; 2 lbs., 75c.

### BEANS. Full List.

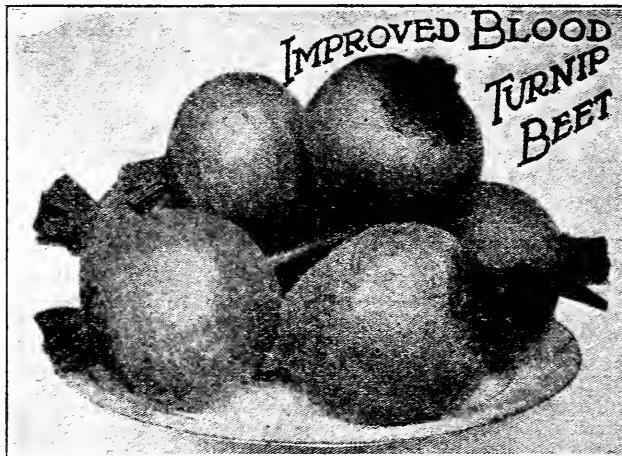
7½ pounds and 30 pounds at 15 pound and 60 pound rates.  
Hardy, vigorous and productive.

	By parcel post.			By frt. or exp. not prepaid.		
	Pkt.	Lb.	2 lbs.	2 lbs.	15 lbs.	60 lbs.
10. EXTRA EARLY REFUGEE.	Early, hardy and productive.....	\$0.10	\$0.35	\$0.60	\$0.50	\$3.25
11. ROUND YELLOW SIX WEEKS.	Early, very productive.....	.10	.35	.60	.50	3.25
12. IMPROVED ROUND POD VALENTINE.	An improved strain.....	10	.35	.60	.50	3.35
13. BOUNTIFUL.	A new stringless bush bean, early, tender.....	10	.35	.60	.50	3.30
14. LONGFELLOW.	The new green pod.....	10	.35	.60	.50	3.25
15.★ STRINGLESS GREEN POD (Burpee's.)	Best green pod.....	10	.35	.60	.50	3.15
16. GIANT STRINGLESS GREEN POD.	Large pods; early, hardy and prolific.....	10	.35	.60	.50	3.35
17. BLACK VALENTINE.	A greatly improved Valentine.....	10	.35	.60	.50	3.30
18. TENNESSEE GREEN POD.	A long, broad, bright green podded variety.....	10	.35	.65	.50	3.75
19. REFUGEE, OR 1000 TO 1.	Medium early and very prolific.....	10	.35	.60	.50	3.25
19½. OLDS' LATE STRINGLESS WAX.	A brand new wax bean. Our 1921 introduction.....	15	.50	.95	.85	6.30
20. IMPROVED GOLDEN WAX.	A very popular bean.....	10	.35	.60	.50	3.45
20½. OLDS' EARLY STRINGLESS WAX.	A new wax pod bean. Our introduction.....	15	.35	.65	.55	3.80
21. IMPROVED BLACK WAX.	Early and very prolific.....	10	.35	.65	.55	3.55
22. DAVIS WHITE KIDNEY WAX.	Productive and very handsome; fine for home use.....	10	.35	.65	.55	3.75
23. WARDWELL'S KIDNEY WAX.	A valuable wax pod; early.....	10	.35	.65	.55	3.70
24.★ OLDS' PENCIL POD WAX.	A fine wax pod.....	10	.35	.65	.55	3.50
25.★ OLDS' ROUND POD KIDNEY WAX.	Best second early.....	10	.35	.65	.55	3.80
26. WEBBER WAX.	The best market garden early wax bean.....	10	.35	.65	.55	3.45
27. HODSON WAX.	Never affected by rust or blight.....	10	.30	.55	.45	2.85
28.★ CURRIE'S RUST-PROOF WAX.	An excellent snap bean. Absolutely stringless when young. This variety remains entirely free from rust. Pod straight golden yellow, crisp and tender.....	10	.35	.60	.50	3.40
29. OLDS' REFUGEE WAX.	Hardy vigorous and productive.....	10	.35	.60	.50	3.45
30.★ BURPEE'S BUSH LIMA.	True bush lima—no poles.....	10	.45	.80	.70	5.20
31. HENDERSON'S BUSH LIMA.	The earliest bush lima.....	10	.35	.65	.55	3.90
32. KING OF THE GARDEN LIMA.	The favorite pole lima.....	10	.35	.65	.55	3.95
33. FORD'S MAMMOTH PODDED.	A large podded pole lima.....	10	.45	.80	.70	5.15
33½. GREEN-SEEDED CARPINTERIA.	A perfect pole lima.....	10	.40	.75	.65	4.85
34. BURPEE-IMPROVED BUSH LIMA.	The largest lima.....	10	.50	.90	.80	6.15
34½. FORDHOOK BUSH LIMA.	The most prolific bush lima.....	10	.50	.90	.80	6.05
35. BEST OF ALL POLE (White Creaseback.)	The best early.....	10	.35	.60	.50	3.70
36. LAZY WIFE POLE.	The most popular pole bean.....	10	.40	.70	.60	4.65
37. GOLDEN CLUSTER WAX POLE.	A valuable snap bean.....	10	.40	.75	.65	4.90
38. KENTUCKY WONDER.	A very popular pole bean.....	10	.35	.60	.50	3.70
38½. KENTUCKY WONDER WAX.	The best pole wax. Illustrated above.....	10	.40	.75	.65	4.90
39. SCARLET RUNNER.	An ornamental snap pole bean.....	10	.45	.80	.70	5.25

NOTE! Lima beans weigh 56 lbs. to the bu., but above prices are for 15 lbs. and 60 lbs., for all varieties.

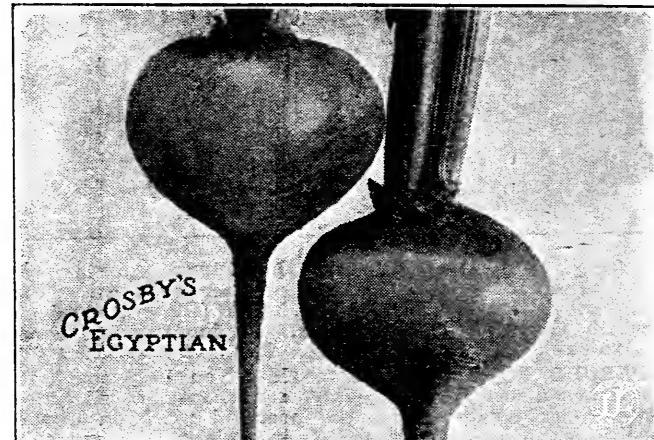
# BEETS

We take great care to have seed that will produce beets free from rootlets and uniform in size. Our packets each contain  $\frac{1}{4}$  oz., of seed and will plant from 12 to 15 feet of drill; four to five pounds, one acre. Those marked with a star are the varieties we especially recommend. Order by number.

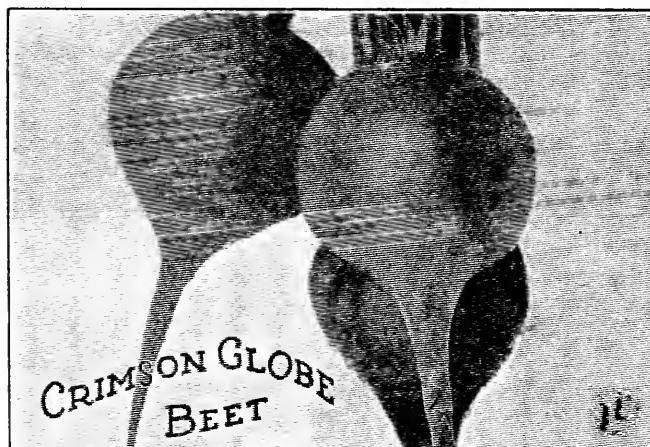


**41. ★OLD'S IMPROVED BLOOD TURNIP.**

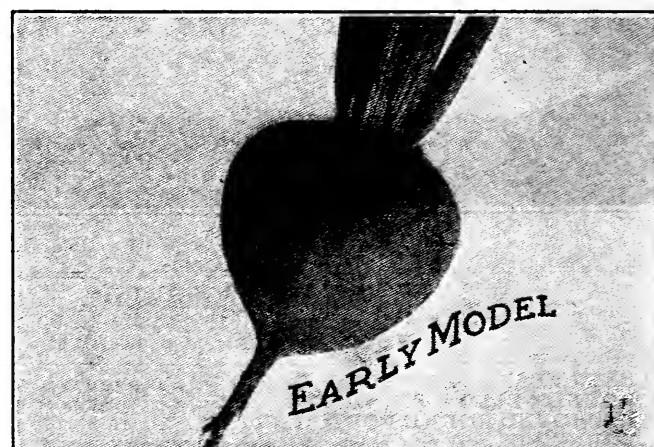
The standard early beet. The Early Blood Turnip Beet is one of the most popular of the early sorts. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c.



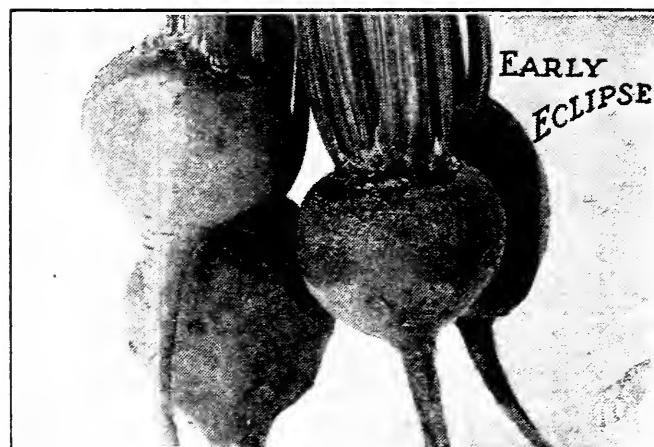
**51. OLD'S IMPROVED CROSBY'S EGYPTIAN.** The most desirable early beet. A selection from Early Egyptian. Deep red in color. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



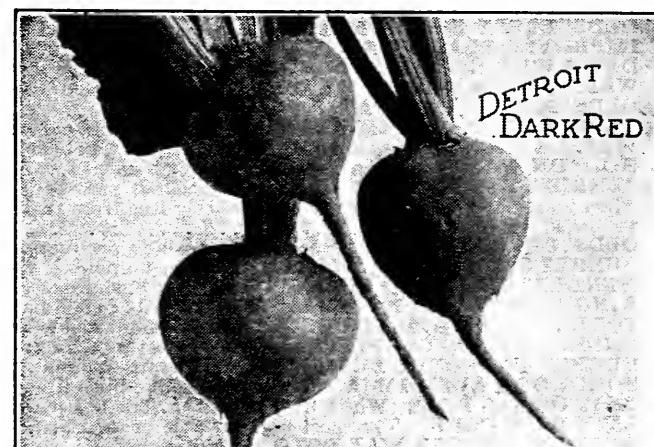
**52. ★CRIMSON GLOBE.** A new variety of great merit. Unequalled for table use: very handsome (illustrated above), early and also suitable for a main crop variety. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c.



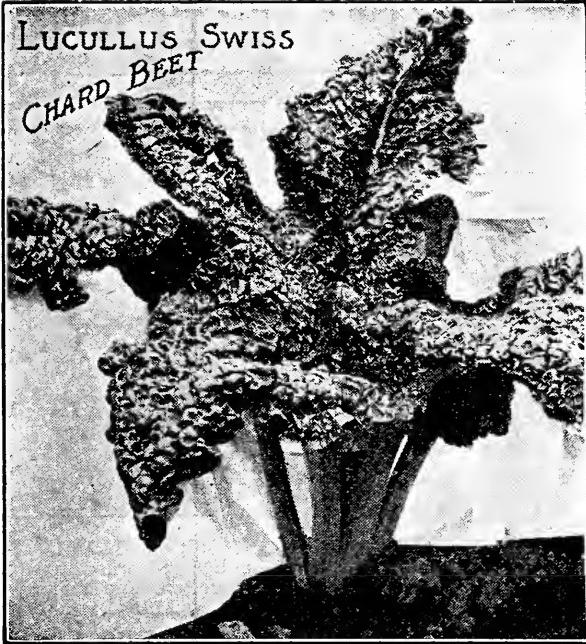
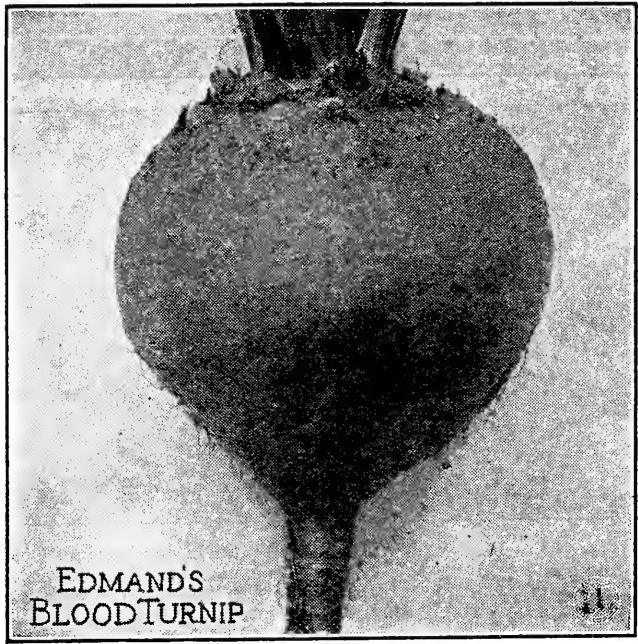
**45. ★NEW EARLY MODEL.** The perfect Beet. It is medium early, between the Electric and Crimson Globe. The bulbs run very uniform and are almost round. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



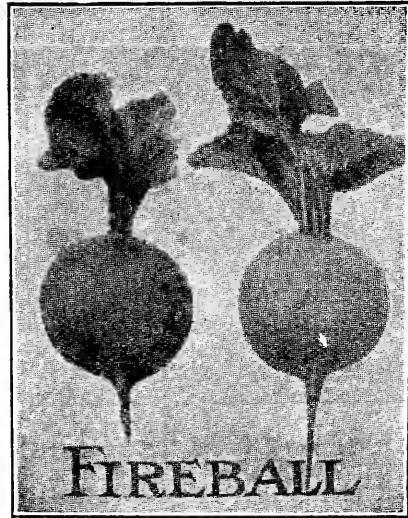
**44. EARLY ECLIPSE.** The Eclipse is a round uniform shaped beet (see illustration). The roots are bright deep red, smooth and the tops are small. The flesh is bright red. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 90c.



**48. DETROIT DARK RED TURNIP.** A very fine early turnip beet, with dark red skin and bright red flesh. It grows very smooth, is globular in shape—see illustration. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



**42. EDMAND'S EARLY BLOOD TURNIP.** A good variety to follow the extra early sorts, and also one of the best for winter use. Skin and flesh, dark red, sweet and tender. Does not grow large (see illustration above) and coarse, has small tops and can be planted close. A very popular beet with market gardeners and just as desirable for the home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c.



**40½—★OLD'S EARLIEST FORCING** (Fireball). A new extra early beet; suitable for forcing. This beet is bright red in color, has a smooth skin and is solid and very sweet in flavor. The leaf stalks and tap roots are quite small (see illustration), making it valuable for sowing in frames. It retains its fresh table qualities better than most beets and is also a valuable sort to sow in the open ground. Pkt., 10c; oz., 15c;  $\frac{1}{2}$  lb., 40c; lb., \$1.50.

**52½. LUCULLUS SWISS CHARD.** The new Swiss Chard, or Spanish Beet. The plants grow from two to two and one-half feet in height. The stalks are thick, broad and delicious when cooked and served in the same manner as asparagus. The Lucullus has large, pointed, crumpled leaves—see illustration, which when cooked and served in the same manner as spinach are tender and fine flavored. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.15.

**43. ★THE ELECTRIC.** The best second early beet. The Electric is remarkably uniform in shape and size, with smooth, dark red skin, small leaves and a small tap root. Flesh, fine grained and tender. We recommend the Electric to all those wanting a fine, early table beet. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**49. MARKET GARDENERS'.** The great all-season beet. Makes a rapid growth and heavy root, for autumn or winter use. Deep red, sweet and very crisp. Keeps well and appeals very strongly to everybody wanting a first-class all-season's table beet. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**BEETS** contain more nutrient than any other root crop except potatoes. Make a planting about Aug. 1, for canning and winter use. We pay Parcel Post charges on all garden and flower seed, unless otherwise noted.

### BEETS. Full List.

Beets are easily grown and can be used in many ways.

Half-pounds at pound rates.

By parcel post.

	pkt.	oz.	$\frac{1}{4}$ lb.	lb.
<b>40. IMPROVED EARLY EGYPTIAN.</b> The standard market variety; grows quickly, producing smooth, flat, turnip-shaped roots.....	\$0.05	\$0.15	\$0.25	\$0.85
<b>40½. ★OLD'S EARLIEST FORCING</b> (Fireball). A new extra early beet, suitable for forcing.....	.10	.15	.40	1.50
<b>41. ★OLD'S IMPROVED BLOOD TURNIP.</b> The standard early beet.....	.10	.15	.25	.85
<b>42. EDMAND'S EARLY BLOOD TURNIP.</b> Dark red; fine flavor; good for winter use, and one of the best beets grown. Illustration above.....	.05	.10	.20	.75
<b>43. ★THE ELECTRIC.</b> The best second early beet.....	.10	.15	.35	1.25
<b>44. EARLY ECLIPSE.</b> Very early, globe-shaped, with small top, thin root; skin bright red; flesh fine grained.....	.10	.15	.25	.90
<b>44½. JOHNSON'S DEFIANCE.</b> A fine selected strain; very uniform in shape.....	.05	.15	.30	1.00
<b>45. ★NEW EARLY MODEL.</b> The perfect beet.....	.10	.15	.30	1.00
<b>45½. OLD'S DANISH HALF LONG.</b> A new brilliant red beet.....	.05	.10	.20	.75
<b>46. HALF LONG BLOOD.</b> Fine for winter use. Always smooth, crisp and tender, remaining so until late in the season; dark red flesh.....	.05	.10	.20	.75
<b>47. LONG SMOOTH BLOOD RED.</b> A well-known winter beet; late in maturing, but an excellent keeper.....	.05	.10	.20	.75
<b>48. DETROIT DARK RED TURNIP.</b> A fine early turnip beet. One of the best for the market garden; dark red skin, and bright red flesh.....	.10	.15	.30	1.00
<b>49. MARKET GARDENERS'.</b> The great all seasons' beet.....	.05	.15	.30	1.00
<b>50. NEW COLUMBIA.</b> A fine main crop variety.....	.10	.15	.35	1.25
<b>51. CROSBY'S EGYPTIAN.</b> A most desirable early market beet.....	.10	.15	.30	1.00
<b>52. ★CRIMSON GLOBE.</b> A new variety of great merit.....	.10	.15	.25	.85
<b>52½. ★LUCULLUS SWISS CHARD.</b> The new Swiss Chard Beet.....	.10	.15	.30	1.15
<b>53. SWISS CHARD.</b> The well-known spinach beet; grown for its succulent tops—prepare and use like spinach or asparagus.....	.05	.10	.20	.75
<b>54½. OLD'S DANISH BLOOD TURNIP.</b> Round, fine-grained with blood-red flesh.....	.05	.15	.30	1.00
<b>MIXED BEET SEED.</b> A carefully prepared mixture of best sorts for table use.....	.05	.10	.20	.65

# MANGELS AND SUGAR BEETS



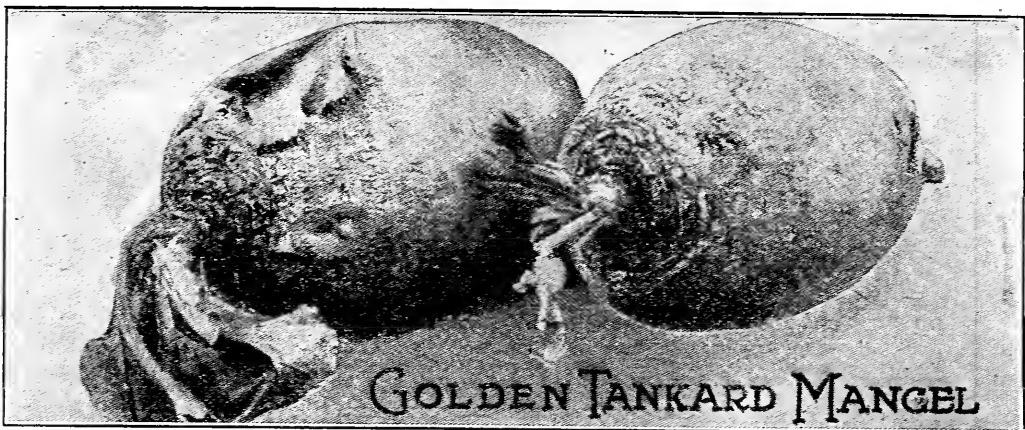
Mammoth Long Red.

oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c. Not postpaid: 5 lbs., \$2.50.

Mangels are good keepers and very productive. 35 to 50 tons can be grown to the acre.

Five or six pounds of seed will sow an acre. 2 lbs. or more at 5-lb. rates. Order by number.

55. MAMMOTH LONG RED. The best long red mangel; very productive, often yielding 50 tons to the acre. It grows well above the ground and is easily harvested. Not postpaid: 5 lbs., \$2.25.....
56. GOLDEN TANKARD. The best yellow mangel in cultivation; globe-shaped, easily harvested and very desirable.....
57. GOLDEN GIANT INTERMEDIATE. Intermediate between the long and the globe-shaped. Not postpaid: 5 lbs., \$3.00.....
58. CHAMPION YELLOW GLOBE. The best globe-shaped mangel
59. GIANT ECKENDORF. The most popular mangel in Germany, also proving very satisfactory in the United States.....
- 59½ DANISH SLUDSTRUP. A new mangel, described and illustrated above. Not postpaid: 5 lbs., \$2.00.....
60. LANE'S IMPERIAL SUGAR. A great favorite. Not so rich in sugar as Vilmorin's, but larger and more profitable for feeding.....
61. KLEIN WANZLEBEN SUGAR. Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar
62. VILMORIN'S IMPROVED SUGAR. An improved French variety; very rich, containing usually as high as 16 per cent of sugar
63. GIANT HALF-SUGAR. One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet. Not postpaid: 5 lbs., \$2.00.....

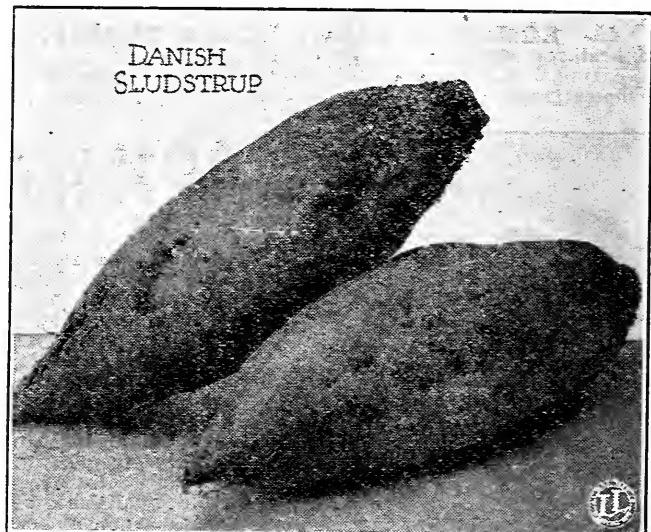


GOLDEN TANKARD MANGEL

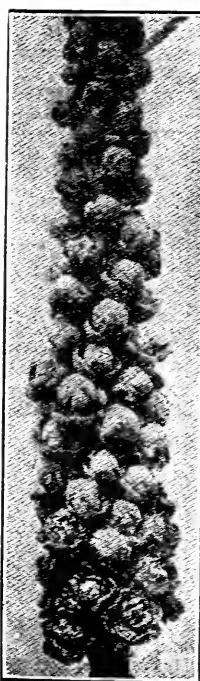
56. GOLDEN TANKARD. The best yellow-fleshed mangel in cultivation. Contains a larger percentage of sugar than the red mangels. Has a small tap-root and grows largely above ground—see illustration. Can be grown closely in rows and yields enormously. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c. Not postpaid: 5 lbs., \$2.50.

59½. DANISH SLUDSTRUP. This new mangel has attained the highest honor in agricultural circles in Denmark, where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground and is easily harvested—see illustration. It excels any other variety in weight, feeding value, and yield. Our seed is from the best Danish growers. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c. Not postpaid: 5 lbs., \$1.75.

59. GIANT ECKENDORF. This German Mangel contains a large amount of nutritive matter and is also a very heavy yielder. The roots are immense and often weigh from 15 to 20 pounds each. They are cylindrical in form, and on account of growing the larger part out of the ground are easily harvested. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c. Not postpaid: 5 lbs., \$2.50.



DANISH  
SLUDSTRUP



## BRUSSELS SPROUTS.

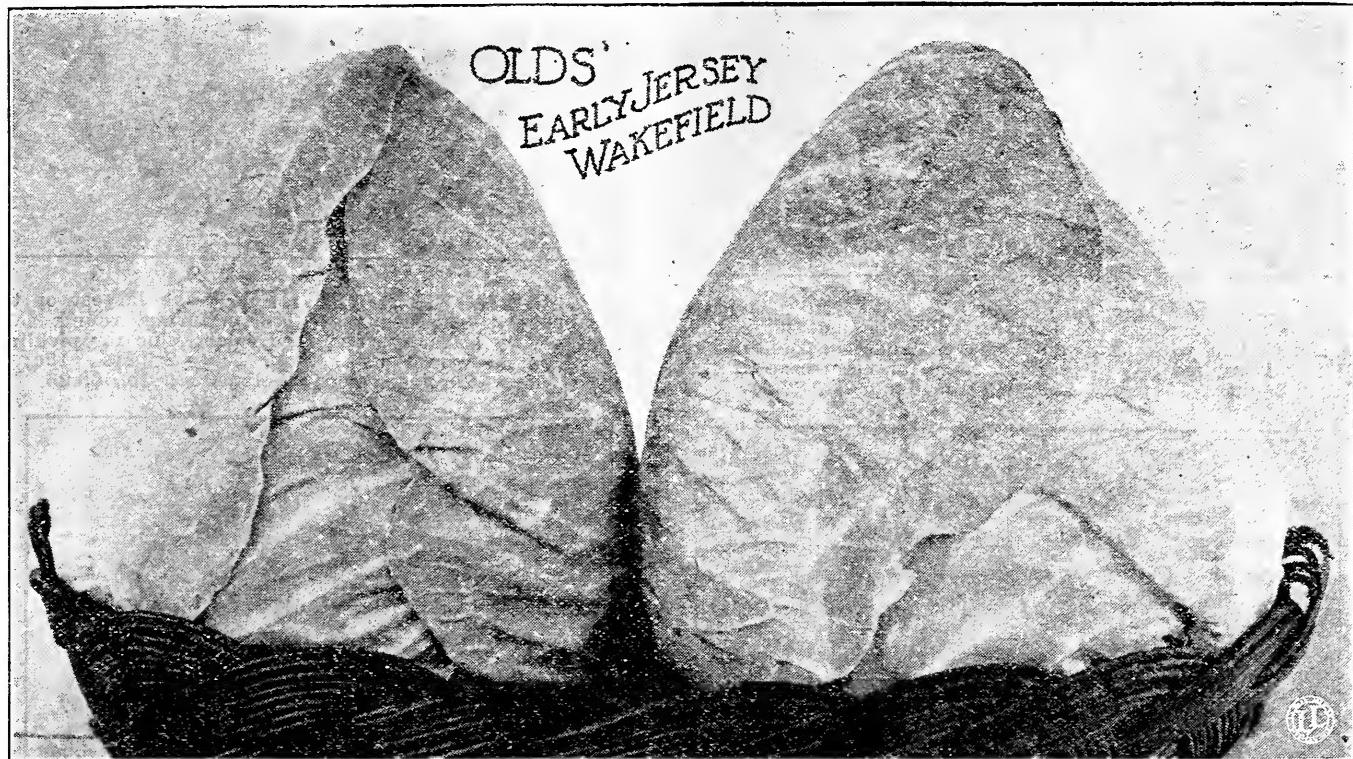
A species of cabbage, requiring the same cultivation. The sprouts resemble small cabbage growths closely on the stalk of the plant. They are fine for boiling during late fall and winter.

65. OLDS' NEW DANISH. The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts at the bottom of the stalk are as fine and solid as those further up. Pkt., 10c; 2 pkts., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb. \$2.75. PLANTS, ready in May and June. Doz., 25c; 50 for 90c. Not postpaid: 50 for 80c.



# CABBAGE

Our cabbage seed is the best American-grown, excepting of the Danish varieties, which reach perfection in Denmark. Each packet contains  $\frac{1}{6}$  oz. of seed, sufficient to produce 500 plants:  $\frac{1}{4}$  lb. will plant one acre. Those marked with a star are the varieties we specially recommend. Order by number. Use Slug Shot as a remedy for cabbage worms. See page 109. Leaflet on cabbage culture, free on request. We can also furnish home grown cabbage plants in season. Early Jersey Wakefield, Copenhagen Market, Allhead Early, Late Flat Dutch, Danish Ballhead and Red Rock. Doz., 20c; 50 for 55c. Not postpaid: 50 for 45c; 100 for 85c.



70. **★OLDS' SELECT EARLY JERSEY WAKEFIELD.** Early, solid and good—the best early cabbage in cultivation. It forms fine cone shaped heads, with few outer leaves and cannot be surpassed for uniformity, even heading and earliness. Our seed is grown from heads selected for stock seed purposes only. Pkt., 10c; 2 pkts., 15c; 3 pkts. ( $\frac{1}{2}$  oz.) 20c; oz., 25c;  $\frac{1}{4}$  lb., 85c; lb., \$3.00.



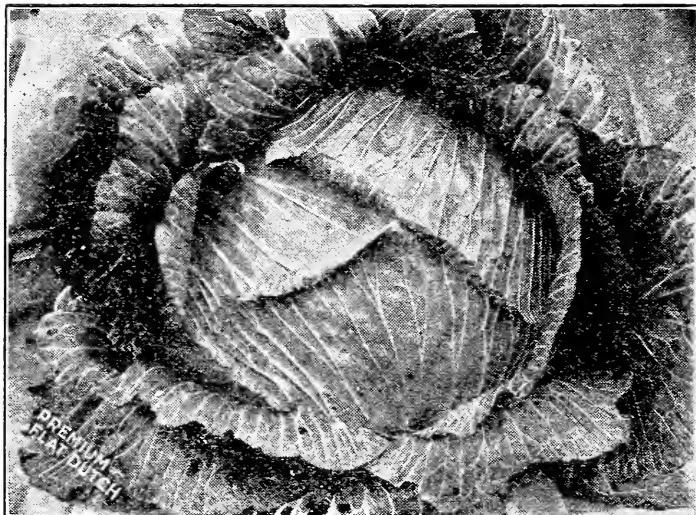
85. **OLDS' SELECT DANISH BALL HEAD.** The best cabbage for keeping through the winter. The heads are perfectly round, solid and deep, and of a fine white color making them different in appearance from any other variety. The quality is superior and it is the best keeper of all cabbages, although not as large as some. Best Danish-grown Seed. Pkt., 10c; 3 pkts. ( $\frac{1}{2}$  oz.) 25c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.00.

We test our seeds for germination and send out nothing that does not show a good test. The test record of each stock is kept and the stock letter stamped on every package. Packages are put up fresh each year, the year being stamped on the package.

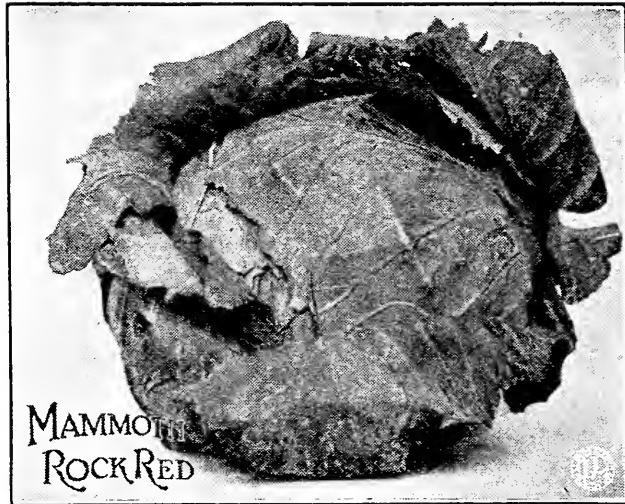


88½. **GLORY OF ENKHUIZEN.** A new variety from Holland; considered the most important recent introduction in the cabbage line. The heads are of medium size, globe shaped, handsome (see illustration above), with few outer leaves and just right for market; very productive and excellent in quality; surpassing in flavor most of the other varieties. Pkt., 10c; 2 pkts., 15c; 3 pkts. ( $\frac{1}{2}$  oz.) 20c; oz., 25c;  $\frac{1}{4}$  lb., 85c; lb., \$3.00.

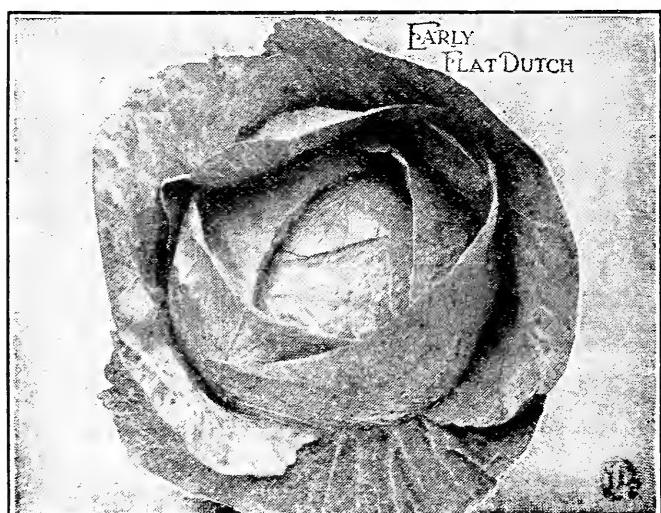
We supply our customers with choice seeds of selected strains only. As a result of this policy our customers become, in their respective localities, a standing advertisement for us and for our seeds. The result is an ever increasing list of new customers and friends.



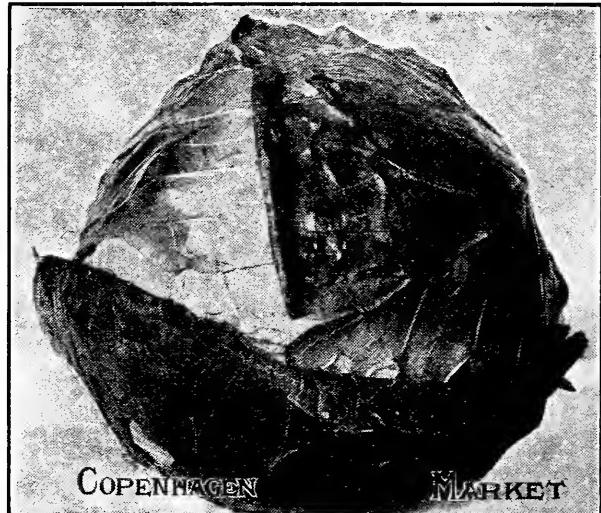
82. ★PREMIUM LATE FLAT DUTCH. An improved strain of the old favorite cabbage. The plant has a short stem with large outer leaves, and is sure-heading. It is a good keeper and largely grown for main crop. Pkt., 10c; 3 pkts., 15c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.25.



89. MAMMOTH ROCK RED. The largest of the red cabbages. The heads are late maturing, round, solid and of a very attractive deep red color; fine for pickling, cold slaw and winter use. Pkt., 10c; 2 pkts., 15c; 3 pkts., ( $\frac{1}{2}$  oz.) 20c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.25.



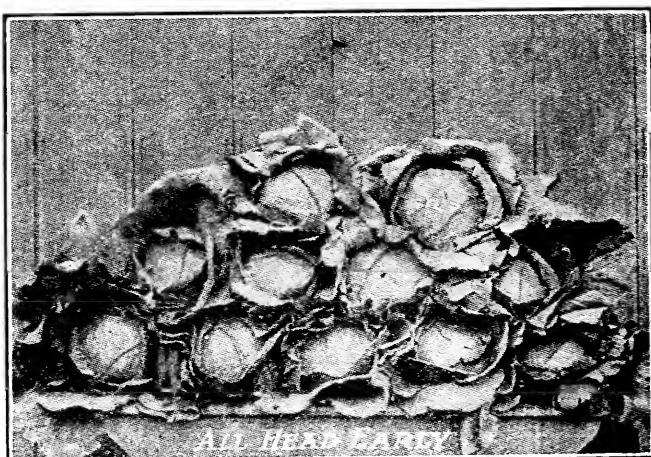
81½. EARLY FLAT DUTCH. The standard second early. Short stemmed plants—heads nearly round, firm and solid. It will stand a long time without bursting, and makes a fine house and market garden sort. Pkt., 10c; 3 pkts., ( $\frac{1}{2}$  oz.) 20c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.25.



84½. COPENHAGEN MARKET. The new Danish cabbage; two weeks later than the Early Jersey Wakefield. The heads are solid, of fine quality, with small cores and weighing about 10 pounds each. Pkt., 10c; 2 pkts., 15c; 3 pkts. ( $\frac{1}{2}$  oz.) 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.40; 1 lb., \$5.00.



83½. CHINESE CABBAGE. This is the famous Chinese Celery Cabbage and the seed we sell is grown in China. It does well in nearly all parts of the country and is more easily grown than ordinary cabbage; when boiled with meat it is much better than either cabbage or turnips. Pkt., 10c; 3 pkts. ( $\frac{1}{2}$  oz.) 20c; oz., 25c.



75. ★ALLHEAD EARLY. The best all-the-year-round cabbage; if only one variety is planted, nothing is better than this for all purposes. The heads are deep, flat and solid and run very uniform in shape, see illustration above. Pkt., 10c; 2 pkts., 15c; 3 pkts., ( $\frac{1}{2}$  oz.) 20c; oz., 25c;  $\frac{1}{4}$  lb., 75c; 1 lb., \$2.50.

"OLDS' CATALOG TELLS THE TRUTH."

## DISEASE RESISTANT CABBAGE SEED.

**LL OLD'S SEC'D CO WISCONSIN** **80½. WISCONSIN HOLLANDER.** A very decided improvement over regular Hollander Cabbage as regards resistance against the disease commonly known as "yellows" or "yellow rot." This cabbage was developed by years of careful experimenting and selection by Prof. L. R. Jones of the University of Wisconsin, carefully preserving all the good qualities of the original Hollander. Extensive field tests in Racine and Kenosha Counties, the oldest cabbage district in the State of Wisconsin, where the growing of cabbage had been abandoned on account of the "yellows," now show the Wisconsin Hollander to be very strongly resistant to that destructive disease.

This cabbage has been grown successfully on even the "sickest" old cabbage fields with almost perfect immunity from "yellows," whereas the commercial strains alongside were practical failures.

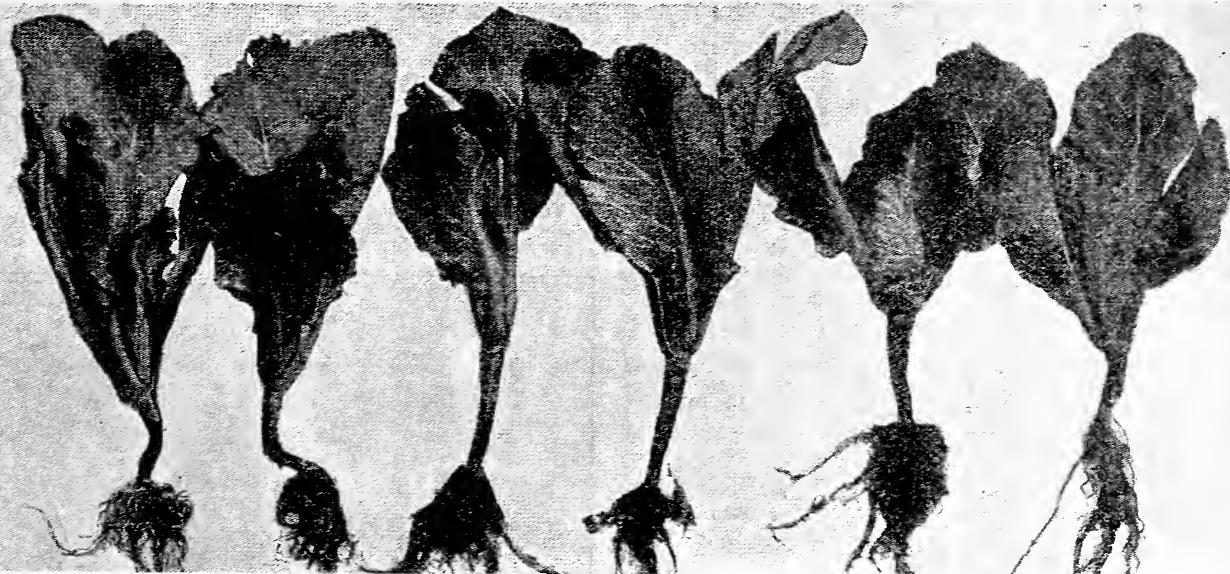
The Hollander or middle stem Ballhead as everyone who has grown this variety knows, cannot be surpassed for fall shipping or winter storage. The leaves are upright in growth, heads of medium size, solid and handsome in appearance. Our seed is Wisconsin grown. The seed crop is very short—order early. Price for 1921: Pkt., 20c; 2 pkts., 35c; 3 pkts. (½ oz.), 65c; oz., \$1.25; ¼ lb., \$4.75.

### CABBAGE. Full List.

Half-pounds at pound rates. Cabbage Plants, in season—pages 43, 45, 99.

By parcel post.

	pkt.	½ oz.	oz.	¼ lb.	lb.
70. ★OLD'S SELECT EARLY JERSEY WAKEFIELD. Best early cabbage.....	\$.10	\$0.20	\$.25	\$.85	\$3.00
71. EXTRA EARLY EXPRESS. Earliest of all. Small pointed heads.....	.10	.20	.30	.90	3.25
72. LARGE WAKEFIELD or CHARLESTON. A week later than Jersey Wakefield.....	.10	.20	.25	.85	3.00
73. EARLY SPRING. The earliest flat-headed variety.....	.10	.20	.25	.85	3.00
74. ★THE VOLGA. A valuable acquisition in the cabbage line.....	.10	.25	.35	1.10	4.00
75. ★ALLHEAD EARLY. Best all-the-year-round cabbage.....	.10	.20	.25	.70	2.50
77. HENDERSON'S SUCCESSION. Second early.....	.10	.20	.25	.70	2.50
77½. ROUND EXPRESS. Considered the best round-headed variety.....	.10	.20	.25	.80	2.85
78. SURE HEAD. All head and sure to head.....	.10	.20	.30	1.00	3.50
79. OLD'S BRIDGEPORT DRUMHEAD. A select strain.....	.10	.20	.30	1.00	3.75
80. ALL SEASONS. Good for both early and late.....	.10	.20	.25	.70	2.50
80½. WISCONSIN HOLLANDER. The cabbage that will make Wisconsin famous.....	.20	.65	1.25	4.75	
81. EARLY SUMMER. A great favorite with market gardeners.....	.10	.20	.25	.70	2.50
81½. EARLY FLAT DUTCH. An extra fine second early.....	.10	.20	.30	.90	3.25
82. ★PREMIUM LATE FLAT DUTCH. An old favorite variety.....	.10	.15	.20	.60	2.25
82½. EARLY WINNIGSTADT. One of the best for general use—sure to head.....	.10	.20	.30	.90	3.25
83. PERFECTION DRUMHEAD SAVOY. The best of all the Savoys.....	.10	.20	.25	.85	3.00
83½. CHINESE CABBAGE. The famous Chinese Celery Cabbage.....	.10	.20	.25	.85	3.00
84. FOTTLER'S IMPROVED BRUNSWICK. Good both for intermediate and winter use.....	.10	.20	.25	.70	2.50
84½. COPENHAGEN MARKET. Earliest round-head variety.....	.10	.25	.40	1.40	5.00
85. ★OLD'S SELECT DANISH BALL HEAD. The best keeper for winter.....	.10	.25	.35	1.10	4.00
85½. THE HOLLANDER. Fine for late spring and for shipping.....	.10	.25	.35	1.00	3.85
86. DANISH SUMMER BALL HEAD. An excellent second early.....	.10	.25	.40	1.35	4.75
87. OLD'S DANISH SUREHEADER. Sure to head.....	.10	.20	.25	.85	3.05
88. FILDERKRAUT. Pointed heads; much used for kraut.....	.10	.20	.25	.75	2.75
88½. GLORY OF ENKHUIZEN. A new variety.....	.10	.20	.25	.85	3.00
89. MAMMOTH ROCK RED. Hard-heading; fine for pickling.....	.10	.20	.30	.90	3.25
89½. RED DUTCH. A red cabbage for pickling.....	.10	.20	.25	.75	2.75



### FROST PROOF CABBAGE PLANTS

There are a number of islands off the South Carolina Coast, where the soil and climatic conditions are suited for growing hardy cabbage plants for early spring planting. These plants will mature heads 10 days to three weeks sooner than is possible from northern-grown hot-bed plants—this is a decided advantage. The crop can be matured and marketed before the crop from the home-grown plants is ready. To get the advantage of these frost-proof plants, they must be planted six weeks earlier than home-grown plants. These plants can stand a temperature from 8 to 10 degrees above zero and orders can be filled any time after the middle of January until May 15th.

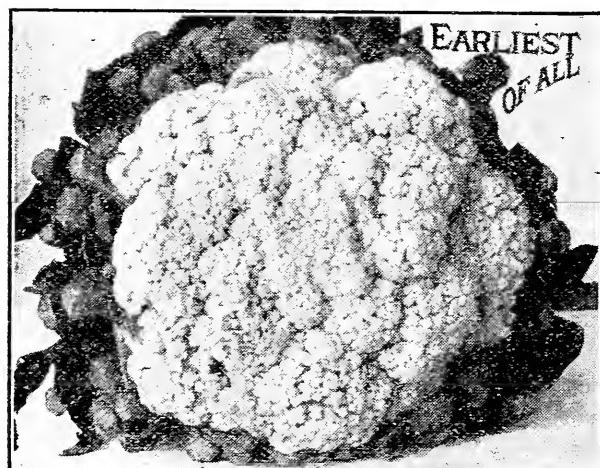
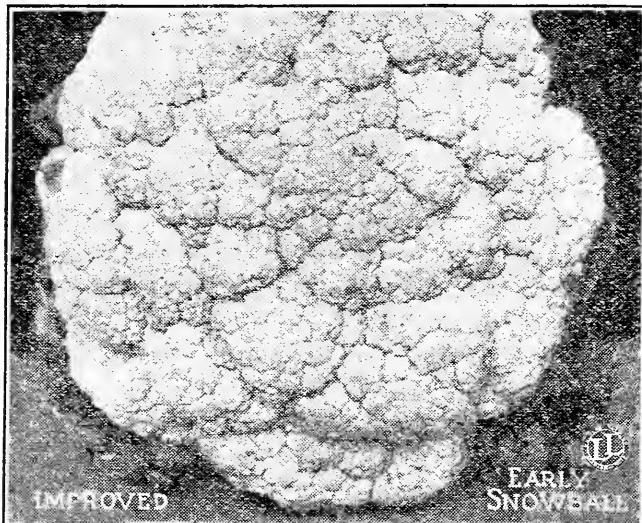
**VARIETIES.** Early Jersey Wakefield, Charleston Wakefield, Succession and Early Flat Dutch. Price: 100 to 400 plants at 50c per hundred; 500 plants for \$1.75; 1,000 or more at \$3.25 per thousand plants. Not postpaid: \$2.25 per thousand plants. Plants are packed for parcel post shipment 100, 200, 300, 400, 500 or 1,000 plants to package. For express shipment 1,000 or 2,000 plants to package. Order in these quantities. We pack only one variety to a package. We guarantee good order delivery on parcel post shipments. Shipments by express, at purchaser's risk. The plants will probably arrive in a wilted condition. This does not hurt them, for after planting, they make a slow but steady growth. We can furnish home grown plants after May 15th—See pages 43 and 99.

**ORDER EARLY.** It will be an advantage to our customers and convenient to us, if seed orders are sent in during the months of January and February. List of a dozen or more good books, free on request.

# CAULIFLOWER

Olds' Cauliflower Seed is grown mostly in Denmark and is the best that can be procured. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Order by number. Leaflet on culture of cauliflower, free on request.

WE CAN ALSO FURNISH good home-grown transplanted cauliflower plants in season. Early Snowball, Dry Weather.  $\frac{1}{2}$  doz., 20c; doz., 35c; 50, \$1.10. Not postpaid: 50 for 85c.



## CHICORY.

130. **LARGE ROOTED.** Fine for salads, with oil and vinegar. The roots make a good substitute for coffee. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.40; lb., \$5.90.

130½. **WITLOOF.** (French Endive.) A delicious winter salad, sometimes called French Endive. Also grown for its delicate, tender roots, which can be planted in boxes in the house during the winter. The leaves can be eaten either raw or cooked. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{2}$  oz., 30c; oz., 45c;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.25.

## COLLARDS.

132. **GEORGIA.** A Southern cabbage. Large, loose heads. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

## CORN SALAD.

133. **LARGE SEEDED.** A fine salad and a good substitute for lettuce. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.55.

## CRESS.

134. **EXTRA CURLED.** (Pepper Grass.) The best variety. Every one should sow a little for early spring use. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**SEED PRICES FOR 1921.** On many items prices are lower than they were during the war years. While our stocks are now complete, yet we have no great surplus and would advise early orders.

**REMEMBER** We pay the postage on all seeds by the packet, ounce, quarter-pound, pound and up to five pounds in weight unless otherwise noted.

95. **OLDS' EARLIEST OF ALL.** The earliest and quickest growing cauliflower we know of. The plants are of strong growth and produce erect, fine, solid heads—see illustration opposite. Pkt., 20c; 2 pkts., 35c;  $\frac{1}{4}$  oz., \$1.00;  $\frac{1}{2}$  oz., \$1.50; oz., \$2.50;  $\frac{1}{4}$  lb., \$9.25.

90. **★IMPROVED EARLY SNOWBALL.** We know of no better type of this variety—very early, smooth, rounded heads (see illustration above), fine grained, compact and even in size. Pkt., 15c; 2 pkts., 25c;  $\frac{1}{4}$  oz., \$1.00;  $\frac{1}{2}$  oz., \$1.50; oz., \$2.50.

93. **★DRY WEATHER.** The best all-purpose Cauliflower for every kind of soil. It produces large, solid, pure white heads. It matures about a week later than our Improved Early Snowball, and is especially adapted for growing in a dry location. Pkt., 15c; 2 pkts., 25c;  $\frac{1}{4}$  oz., \$1.00;  $\frac{1}{2}$  oz., \$1.50; oz., \$2.75;  $\frac{1}{4}$  lb., \$10.00.

91. **EARLY FAVORITE.** This is a fine strain of cauliflower at a low price for seed. Pkt., 10c; oz., \$1.75.

94. **AUTUMN GIANT.** One of the finest late varieties. Heads large, compact and thoroughly protected by the leaves. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{2}$  oz., 35c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00.



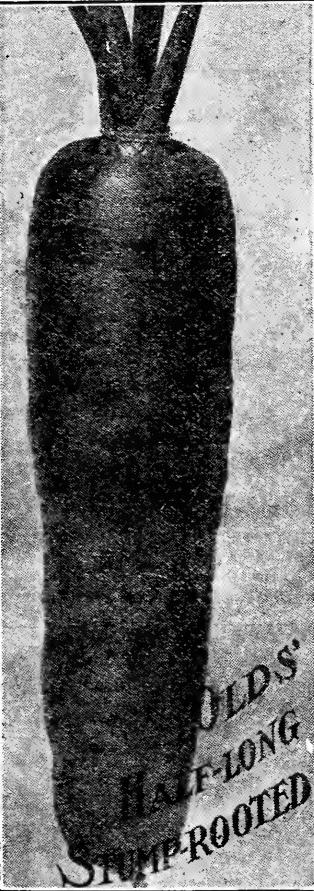
**SEED TESTING.** We have the latest improved seed tester and the germination of our seed is ascertained before the seed is sent out. You can write us at any time for the germination of any seed you contemplate buying.

"OLDS' CATALOG TELLS THE TRUTH."

# CARROT

Olds' Carrot Seed is grown from carefully selected roots. Each packet contains  $\frac{1}{4}$  oz. of seed, sufficient for a row 25 feet long. Three pounds will sow an acre in drills 2 feet apart. Two pounds or more at 5-pound rates.

**108. OLDS' HALF LONG STUMP ROOTED.** For smoothness, even shape, absence of rootlets and small tap root, this carrot is unsurpassed. It is early and one of the best for summer use and the home garden. A good keeper and never becomes stringy—illustrated below. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00.



**100. ★ DANVERS HALF LONG.** Stump-rooted, bright orange in color and very productive. Easily harvested and a favorite, both for table use and for stock. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 95c. Not postpaid: 5 lbs., \$3.50.

**101. ★ EARLY SHORT TOP.** One of the best for family use. An attractive stump-rooted variety and one suited for the home garden. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; 1 lb., \$1.00; 2 lbs., \$1.75.

**105. EARLIEST FRENCH FORCING.** One of the earliest varieties and very desirable for forcing. Round reddish orange colored roots. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25. Not postpaid: 5 lbs., \$5.00.

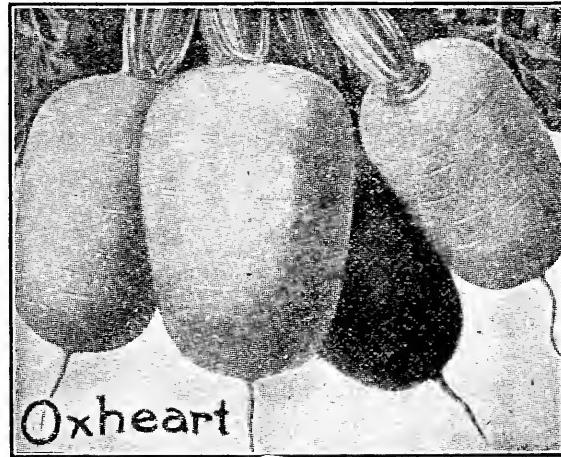
**102. OLDS' IMPROVED LONG ORANGE.** A standard late variety; deep orange color; much improved by selection of the best formed and deepest colored roots. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 95c. Not postpaid: 5 lbs., \$3.50.

**104. ★ EARLY CHANTENAY.** Very early, and best of all early carrots for the table or market. Grows five or six inches long. Used extensively by market gardeners and primarily a table carrot but also profitable for stock. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 95c; 2 lbs., \$1.60.

**112. THE MASTODON.** The heaviest cropper, yielding more tons to the acre than any other carrot. The flesh is white, solid, crisp and very sweet. Easily harvested and well liked by stock. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c; 2 lbs., \$1.40. Not postpaid: 5 lbs., \$3.00.

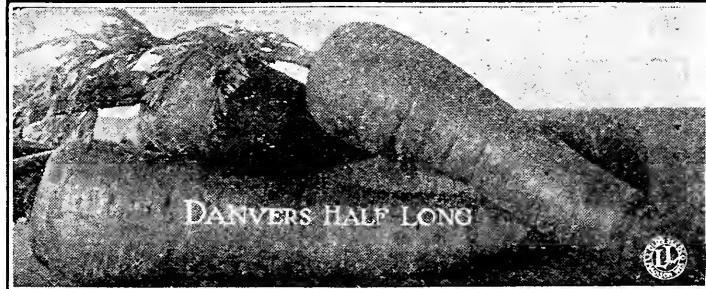
**COMMISSION SEEDS.** We do not put out seeds on commission. Olds' seeds are put up fresh, every year and sold outright. Commission seeds are put up and placed on sale, in the stores throughout the country in August, long before the new crop of seeds is harvested.

We all of us like to watch things grow. Nothing will give more pleasure than to see fresh vegetables and beautiful flowers growing in the garden. To produce the garden, order Olds' Seeds.

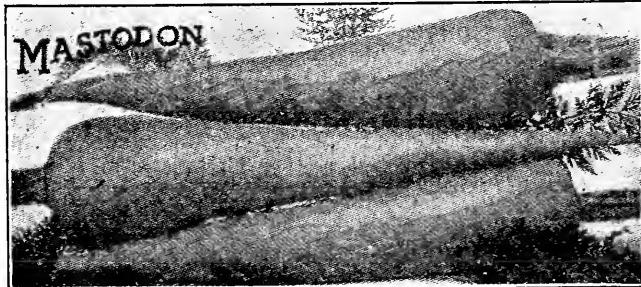


**103. ★ OXHEART.** The best all-round carrot. Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities—see illustration above. Equally good for table use or stock. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 95c. Not postpaid: 5 lbs., \$3.50.

We pay parcel post charges, to destination, on all garden and flower seed—unless otherwise noted.



Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 95c.



Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c.

The Best Seeds That Grow Are Sold By Olds.

## CARROT. Full List.

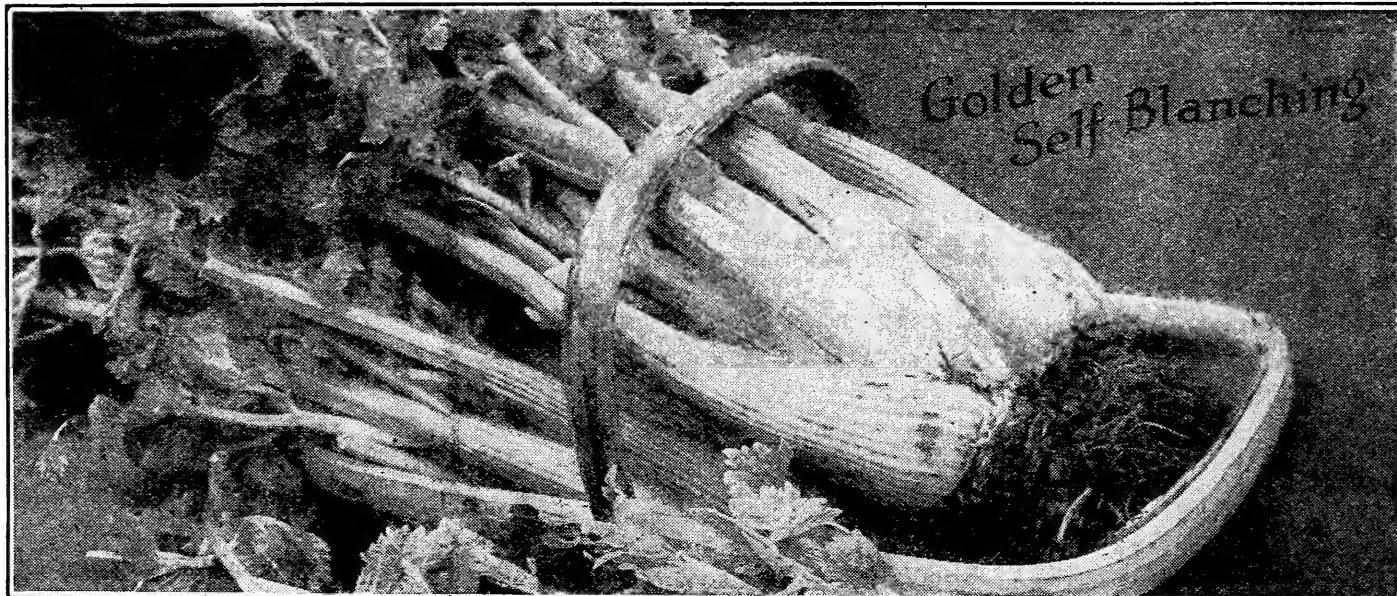
Half-pounds at pound rates. Market Gardeners' list for larger quantities.

	By parcel post.				
	pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs
100. ★ DANVERS HALF LONG.	\$0.10	\$0.15	\$0.25	\$0.95	\$4.00
101. ★ EARLY SHORT TOP.	.05	.15	.30	1.00	4.25
102. OLDS' IMPROVED LONG ORANGE.	.05	.15	.25	.95	4.00
103. ★ OXHEART.	.10	.15	.25	.95	4.00
104. ★ EARLY CHANTENAY.	.10	.15	.25	.95	4.00
105. EARLIEST FRENCH FORCING.	.10	.15	.35	1.25	5.50
106. EARLY SCARLET SHORT-HORN.	.05	.15	.25	.85	3.50
107. INTERMEDIATE OR ST. VALERY.	.05	.15	.25	.85	3.50
108. OLDS' HALF-LONG STUMP-ROOTED.	.10	.15	.30	1.00	4.25
110. LARGE WHITE BELGIAN.	.05	.15	.25	.85	3.50
111. LONG ORANGE BELGIAN.	.05	.15	.25	.90	3.75
112. THE MASTODON.	.05	.15	.25	.85	3.50

We have arranged our catalogue without novelty pages. We list all varieties under their respective headings. New varieties for 1921, noted, bottom page 36.

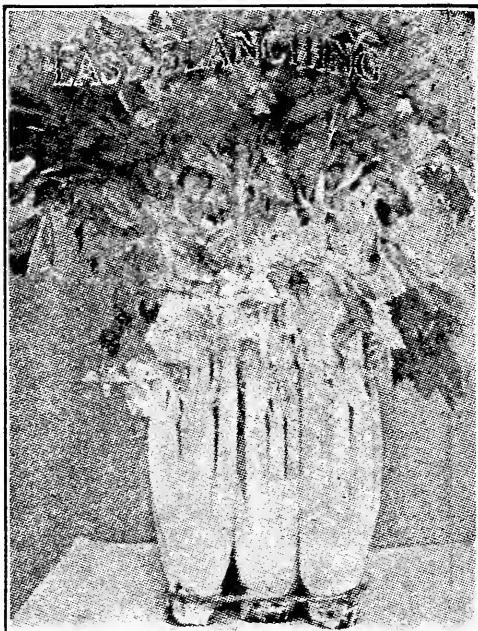
# CELERY

Celery seed is slow to germinate. Cover lightly and keep moist. Our packets each contain seed enough to produce 1,000 plants; 2 ounces of seed sufficient for an acre. Those marked with a star are the varieties we specially recommend. Order by number. Leaflet on culture, free, on request. We can furnish celery plants in season. Golden Self-Blanching, best for all purposes: Winter Queen, a good late kind: Giant Prague Celery, turnip rooted celery. Doz., 25c; 50 for 75c. Not postpaid: 50 for 70c; 100 for \$1.35.



117. ★GOLDEN SELF-BLANCHING. The leading early variety. Pkt., 10c; 2 pkts. ( $\frac{1}{4}$  oz.), 15c;  $\frac{1}{2}$  oz., 25c; oz., 35c;  $\frac{1}{4}$  lb., \$1.25. FRENCH GROWN. (117 $\frac{1}{2}$ ). Pkt., 15c; 2 pkts. ( $\frac{1}{4}$  oz.) 25c;  $\frac{1}{2}$  oz., 45c; oz., 85c.

115. WHITE PLUME. Olds' select. The earliest celery known.



**LL**  
OLDS SEED CO.  
MADISON WISCONSIN

A great favorite. Its stalks are naturally white, so that the work of blanching is accomplished by simply drawing them together. An excellent sort for fall and early winter use. Pkt., 10c; 2 pkts. ( $\frac{1}{4}$  oz.) 15c;  $\frac{1}{2}$  oz., 20c; 25c;  $\frac{1}{4}$  lb., 70c.

115 $\frac{1}{2}$ . EASY BLANCHING. A distinct variety. The easiest and quickest to blanch. The plants make a quick healthy growth with thick stalks, very tender and brittle; early-maturing, a long keeper and easy to blanch. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00.

123 $\frac{1}{2}$ . COLUMBIA. An early variety of fine shape and quality. The plant is of medium height and very stocky. Stalks are thick and almost round; color a rich yellow. Pkt., 10c; 2 pkts. ( $\frac{1}{4}$  oz.) 15c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., 90c.



## CELERY. Full List.

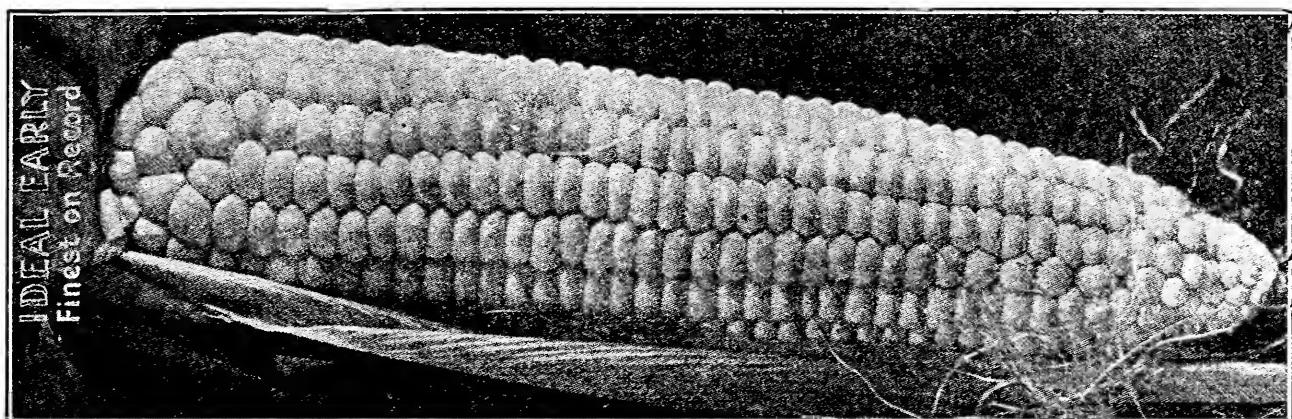
One pound of any variety at  $3\frac{3}{4}$  times the price of  $\frac{1}{4}$  lb.  $\frac{1}{2}$  lbs. at lb. rates.

	By parcel post.			
	pkt.	$\frac{1}{2}$ oz.	oz.	$\frac{1}{4}$ lb.
115. WHITE PLUME. Olds' Select. The earliest celery known.....	\$0.10	\$0.20	\$0.25	\$0.70
115 $\frac{1}{2}$ . ★EASY-BLANCHING. A distinct variety. Easy and quick to blanch.....	.10	.20	.30	1.00
117. ★GOLDEN SELF-BLANCHING. The leading early variety. American grown.....	.10	.25	.35	1.25
117 $\frac{1}{2}$ . GOLDEN SELF-BLANCHING. French grown.....	.15	.45	.85	3.25
118. GIANT PASCAL. Best for fall and winter use. Stalks are very large.....	.10	.20	.25	.70
119. OLDS' NEW ROSE. The best red celery; very solid.....	.10	.15	.20	.60
120. DWARF GOLDEN HEART. A standard variety, grown for market.....	.10	.20	.25	.70
120 $\frac{1}{2}$ . MAGNIFICENT. A late variety; noted for its keeping qualities.....	.10	.20	.30	1.00
121. ★WINTER QUEEN. A most desirable variety for winter use.....	.10	.20	.25	.70
122. ★SNOW WHITE. A free blancher and not subject to rust. Of good size and without a rival in purity of color.....	.10	.20	.25	.85
123 $\frac{1}{2}$ . COLUMBIA. Described and illustrated above.....	.10	.20	.30	.90
124. CELERY FOR SEASONING. Good, clean seed.....	.15	.20	.50	

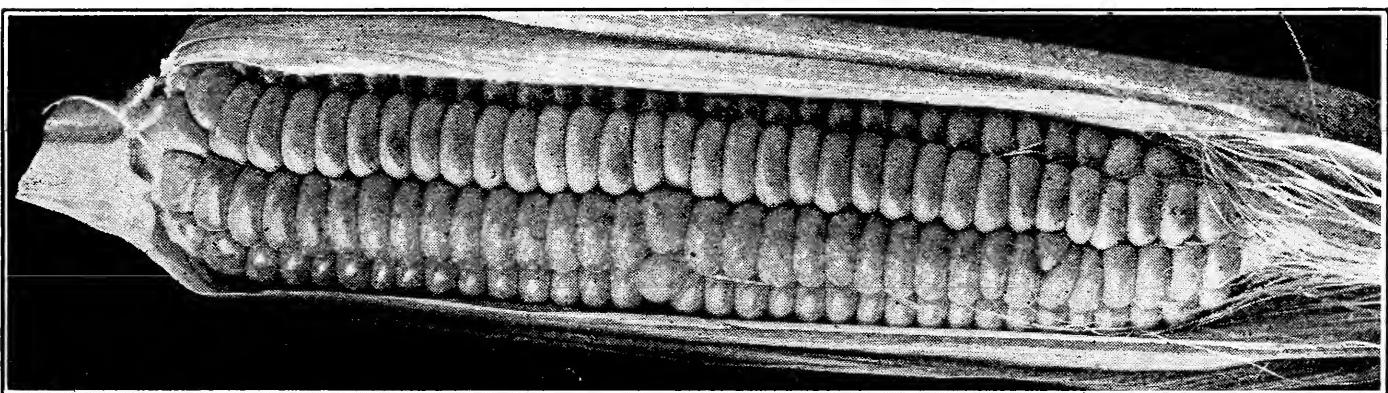
CELERIAC. 125. NEW GIANT PRAGUE. The largest and best sort grown. Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.85.

# SWEET CORN

Our Sweet or Sugar Corn is properly cured and first class in every respect. Plant at intervals of two weeks until July. Our packets contain 1½ ounces each, sufficient to plant 15 to 25 hills. One peck (11 lbs.) will plant an acre in hills. Order by number.



Olds' Ideal Early. Pkt., 15c; 3 pkts., 25c; ¾ lb., 30c; 1½ lbs., 45c.



Golden Bantam. Pkt., 10c; 3 pkts., 20c; ¾ lb., 25c; 1½ lbs., 40c.



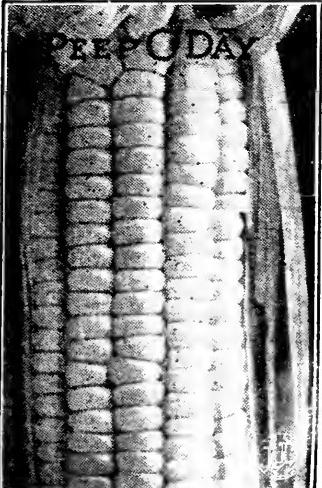
Bantam Evergreen. Pkt., 10c; 3 pkts., 20c; ¾ lb., 25c; 1½ lbs., 45c.



137. **OLDS' IDEAL EARLY.** A true Sweet corn. We offered this corn first in 1907 by sample packet only; since then we have been carefully selecting our stock seed and all the time improving it, until now we think we have the finest variety of sweet corn known to the seed trade today. It withstands drought remarkably well and adapts itself to any kind of soil. The stalks average six feet in height, producing two and often three good ears to a stalk. The ears are almost as large as those of Stowell's Evergreen. Pkt., 15c; 2 pkts., 20c; 3 pkts., (¼ lb.) 25c; ¾ lb., 30c; 1½ lbs., 45c.

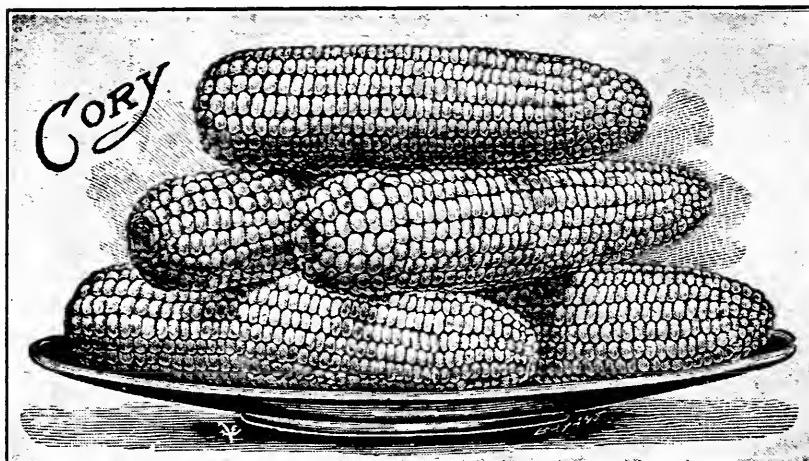
141½. **GOLDEN CREAM.** A distinct variety. A cross between Golden Bantam and Country Gentleman. The ear is similar in appearance to Country Gentleman—see illustration, but the color is a rich cream, cooking to a light golden yellow. The flavor is rich, nut-like and delicious. Stalks make a rapid growth, producing from 2 to 4 ears each. This new variety possesses genuine merit. Pkt., 10c; 3 pkts. (¼ lb.) 20c; ¾ lb., 25c; 1½ lbs., 40c.

135. **PEEP O'DAY.** A Good Extra Early. Originated in Minnesota; ears 5 inches long, perfectly formed, and well filled. Very tender and sweet. Pkt., 10c; 3 pkts., (¼ lb.) 20c; ¾ lb., 25c; 1½ lbs., 40c.

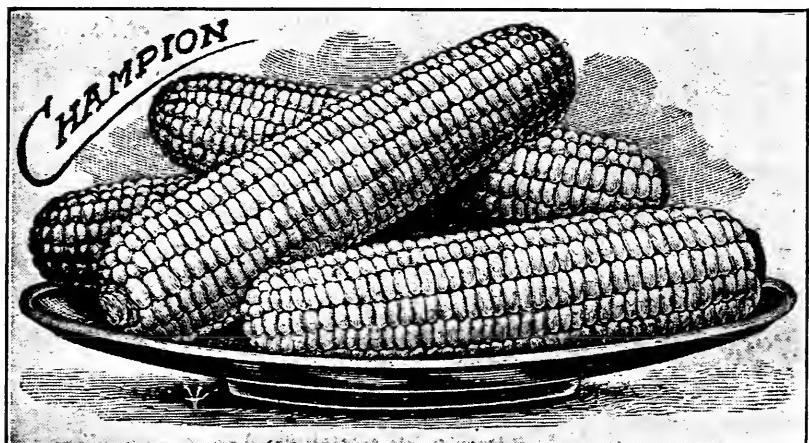


## THE BEST SWEET CORN FOR SUCCESSION.

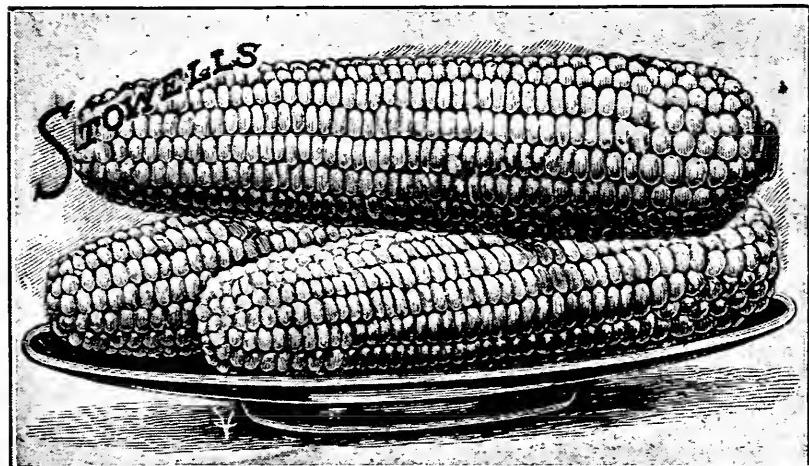
For a succession of sweet corn throughout the entire season plant at the same time: **MAMMOTH WHITE CORY** (136), **EARLY CHAMPION** (139) and **STOWELL'S EVERGREEN** (147).  
 One pkt. each 20c;  $\frac{1}{4}$  lb. each 50c;  $\frac{3}{4}$  lb. each 60c;  $1\frac{1}{2}$  lbs. each \$1.00. Not postpaid;  $1\frac{1}{2}$  lbs. each, 75c.



136. MAMMOTH WHITE CORY. One of the earliest varieties.  
 Pkt., 10c; 3 pkts., ( $\frac{1}{4}$  lb.) 20c;  $\frac{3}{4}$  lb., 25c;  $1\frac{1}{2}$  lbs., 40c.



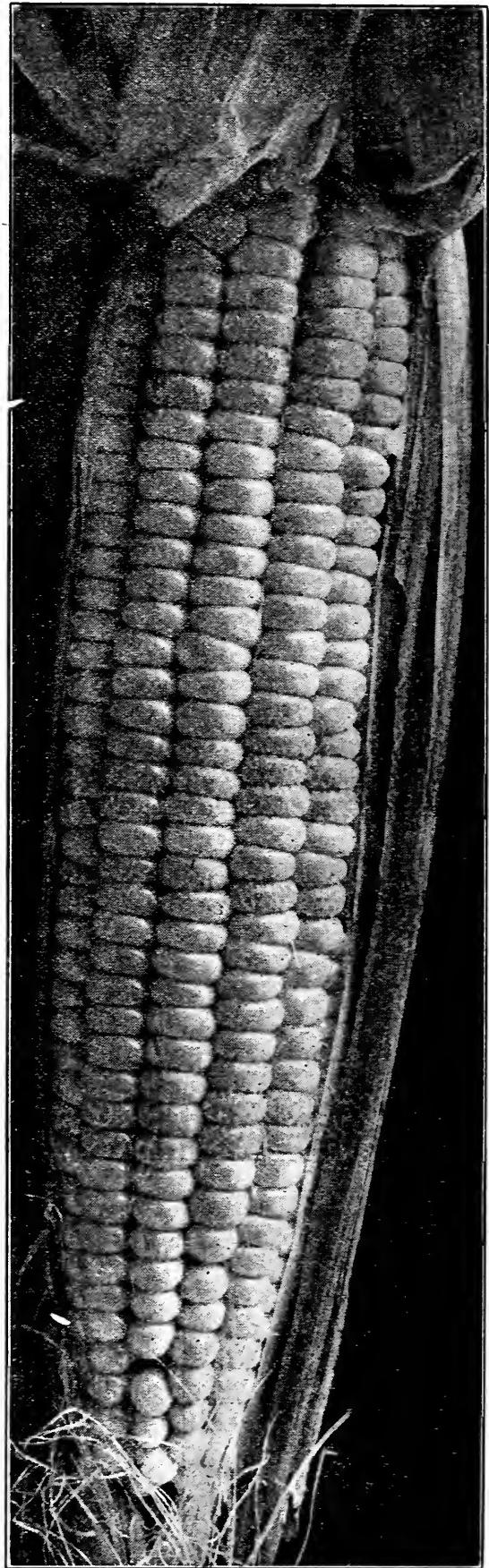
139. EARLY CHAMPION. The largest eared early sweet corn.  
 Pkt., 10c; 3 pkts., ( $\frac{1}{4}$  lb.) 20c;  $\frac{3}{4}$  lb., 25c;  $1\frac{1}{2}$  lbs., 40c.



147. STOWELL'S EVERGREEN. The best late sweet corn for all purposes. Pkt., 10c; 3 pkts., ( $\frac{1}{4}$  lb.) 20c;  $\frac{3}{4}$  lb., 20c;  $1\frac{1}{2}$  lbs. 35c.

145. **★OLDS' EARLY EVERGREEN.** Like Stowell's Evergreen, only ten days earlier. Large handsome ears, about 8 inches long (see illustration) and identical in flavor with the famous Stowell's Evergreen. This variety is indispensable to the market gardener and equally desirable for the home garden.  
 Pkt., 10c; 2 pkts., 15c;  $\frac{3}{4}$  lb., 25c;  $1\frac{1}{2}$  lbs., 40c.

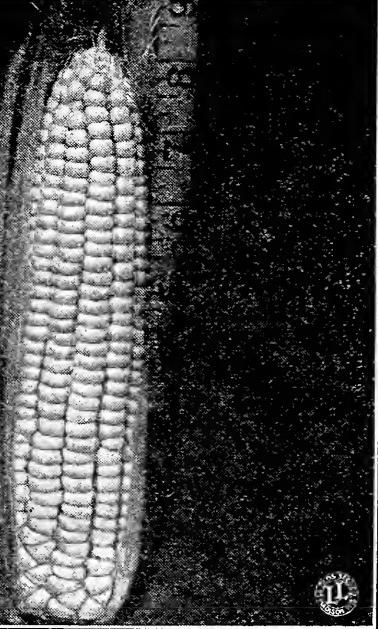
Sweet Corn varies in weight from 40 to 46 lbs., to the measured bushel (according to variety). We formerly sold by measure, but now we are selling by weight. See page 52 for the weight, per measured bushel, of each variety.



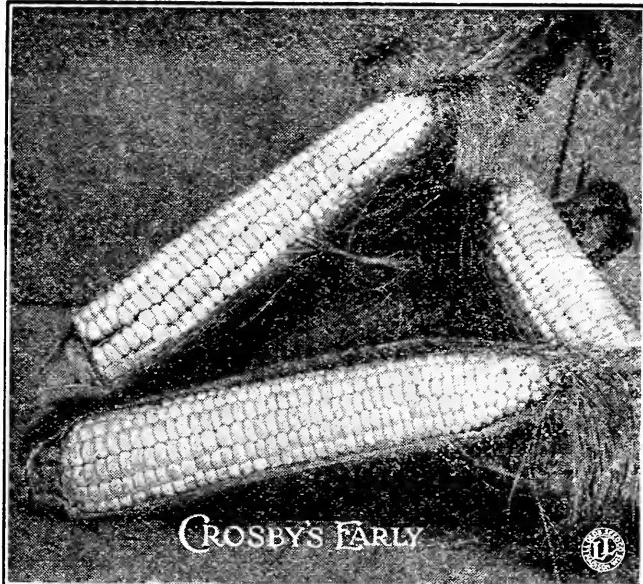
Olds' Early Evergreen, Pkt., 10c.

**"OLDS' CATALOG TELLS THE TRUTH."**

EARLY  
JULY



**135½. EARLY JULY.** The earliest known variety. With us planted May 15th, produced ears by July 1st, and was ready for use a week to ten days before Peep O'Day, planted the same time. We have a liberal supply of this extremely early corn this season and want all of our customers to give it a trial. Pkt., 15c; 2 pkts., 25c; ¾ lb., 30c; 1½ lbs., 50c.



CROSBY'S EARLY



**143. CROSBY'S EARLY.** A standard early variety—one of the best for canning. The ears are from five to six inches long; grains very white, sweet and tender. A most desirable variety for the home and market garden. Pkt., 10c; 3 pkts. (¼ lb.) 20c; ¾ lb., 25c; 1½ lbs., 40c.

The production of Vegetables is a good way to reduce the high cost of living. We urge you to enlarge your garden, or if you have none, to plant one this year, however small.

## POP CORN AND PEANUTS

### LEAFLET ON CULTURE, FREE ON REQUEST.

Any boy or girl sending us an order amounting to 25 cents or more, can have a packet of Red Beauty Pop Corn FREE.

Any boy or girl sending us an order amounting to 50 cents or more can have a packet of Mammoth Peanuts and a packet of Pop Corn FREE. Be sure and ask for them when you order.

### POP CORN.

**154. OLD'S NEW BLUE BEAUTY.** An extra early variety. It pops very large and is the most tender and crisp of all. Will ripen anywhere and may be used for popping the first year, without kiln-drying. Pkt., 10c; 3 pkts., (¼ lb.) 25c; 1 lb., 35c; 2 lbs., 60c; 5 lbs. or more, 20c per lb.



**154 ½. ★ T O M THUMB.** Dwarf Rice. The Tom Thumb is a dwarf growing, White Rice Pop Corn. It is a heavy yielder and very attractive—see illustration opposite. Is ready for popping soon after it is husked and does not have to dry until the second year, like other varieties. It is almost hulless and when popped there is absolutely no hard center. The stalks grow about five feet high and bear 2 or 3 perfect ears each. Ears are very uniform in size and nearly white in color. The Tom Thumb is a new variety and well worthy of a trial. Price for 1921; Pkt., 10c; 3 pkts., (¼ lb.) 25c; 1 lb., 40c; 2 lbs., 70c. Not postpaid: Lb., 35c; 2 lbs., 60c; 5 lbs. or more, 15c per lb.

### OTHER VARIETIES.

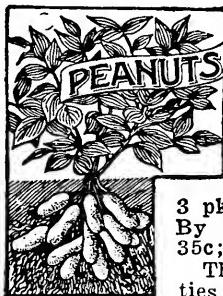
Pkt., 10c; 3 pkts. (¼ lb.) 20c; 1 lb., 30c; 2 lbs., 50c.

**150. ★IMPROVED WHITE RICE.** The standard variety.

**151. QUEEN'S GOLDEN.** Largest and most productive.

**152. RED BEAUTY.** A new red rice pop corn.

**153. MAPLEDALE PROLIFIC.** A very prolific variety.



### PEANUTS.

**315. ★MAMMOTH VIRGINIA.** The largest, sweetest and heaviest yielding variety. (See illustration opposite.) Every boy and girl can grow their own peanuts here in the North. Erect stems and upright foliage; more easily cultivated and much more profitable than the common spreading sort. Large pkt., 10c; 3 pkts., (¼ lb.) 20c; ½ lb., 25c; 1 lb., 45c; By express or freight, not postpaid: Lb., 35c; 5 lbs. or more, 20c per lb.

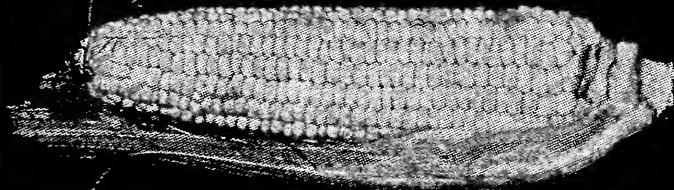
Those marked with a star are the varieties we specially recommend. See page 49 for No. 137.



**316. IMPROVED SPANISH.** The Spanish Peanut is small but has a feeding value, is a nitrogen gatherer and is an improver of land. It grows an upright bush and the peanuts are clustered thick around the roots. It is very productive, well adapted to the North; and is easily harvested. If the tops are cut and cured before frost, they make hay, almost equal in value to alfalfa. Our seed has been harvested, graded and washed by hand and is the best that can be procured. Large pkt., 10c; 3 pkts., (¼ lb.) 20c; ½ lb., 25c; 1 lb., 40c. Not postpaid: Lb., 30c; 5 lbs. or more, 20c per lb.

Spanish Peanuts.

## NARROW GRAINED EVERGREEN



**144½. NARROW GRAINED EVERGREEN.** A splendid high quality evergreen. Slightly earlier than Stowell's, ears nearly as large, with small cob with from 18 to 20 rows of very deep narrow white grains. One of the best canning sorts, also a very desirable variety for market gardeners—see illustration. Pkt., 10c; 3 pkts. ( $\frac{1}{4}$  lb.) 20c;  $\frac{3}{4}$  lb., 25c;  $1\frac{1}{2}$  lb., 40c.

**HOW TO PICK SWEET CORN.** To have the finest sweet corn, you must pick it when in just the right condition, that is, when the skin of the grain breaks at the slightest puncture and plantings should be made often enough to have always a supply at this stage.

## COUNTRY GENTLEMAN

139½. Country Gentleman. Pkt., 10c; 3 pkts. ( $\frac{1}{4}$  lb.), 20c;  $\frac{3}{4}$  lb., 25c;  $1\frac{1}{2}$  lbs., 45c.

1 2 3 4 5 6 7 8 9 10

11

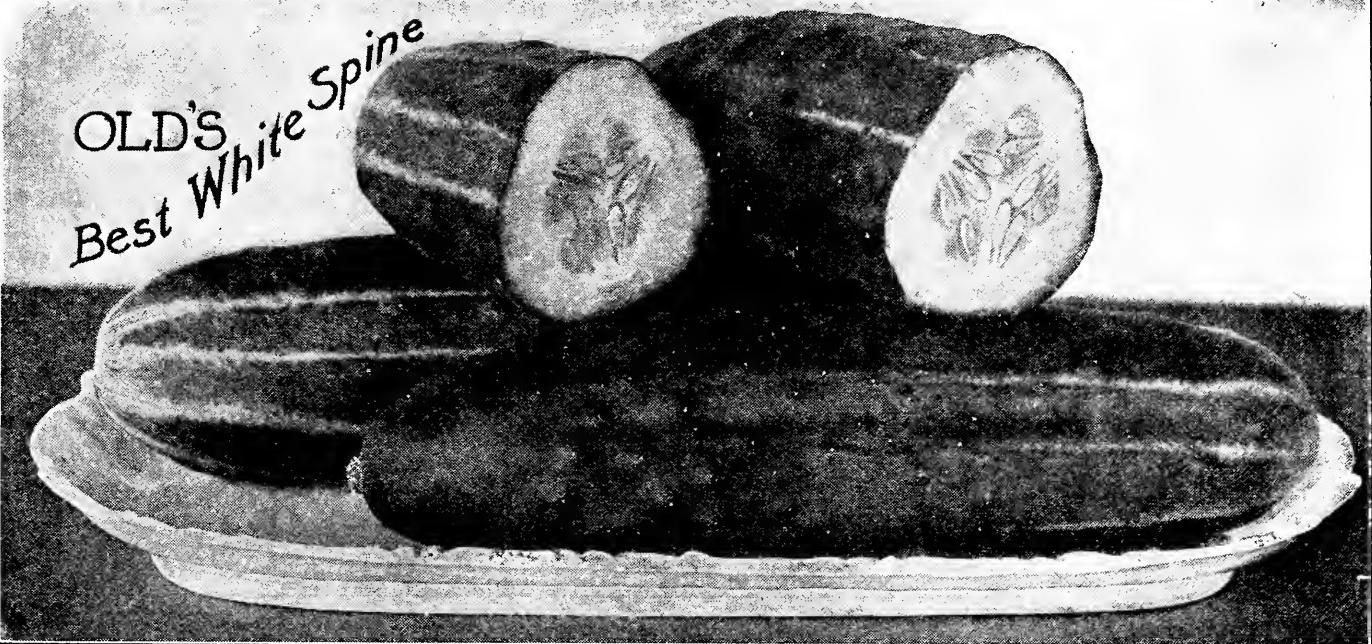
### SWEET CORN. Full List.

$\frac{3}{4}$  lb., one pt.;  $1\frac{1}{2}$  lbs., one qt.;  $5\frac{1}{2}$  lbs., one-half pk.; 11 lbs., one pk.; 45 lbs., one bu., except where noted.

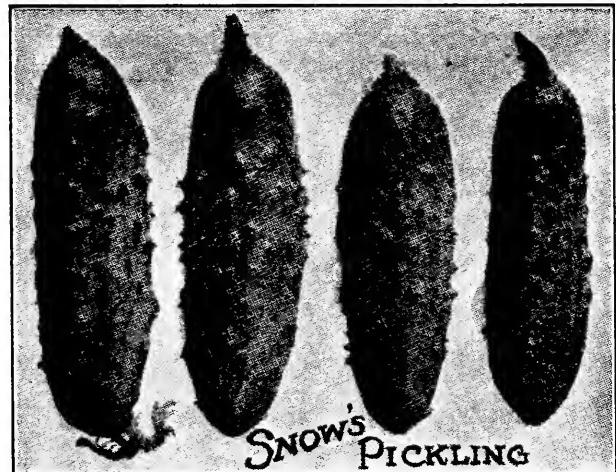
	By parcel post.			By express or freight, not prepaid.				
	pkt.	$\frac{3}{4}$ lbs.	$1\frac{1}{2}$ lbs.	$1\frac{1}{2}$ lbs.	$5\frac{1}{2}$ lbs.	11 lbs.	45 lbs.	
135. PEEP O' DAY. A good Extra Early. Fig. 2.....	\$0.10	\$0.25	\$0.40	\$0.30	\$1.00	\$1.90	\$7.50	
135½. EARLY JULY. Earliest known variety.....	.15	.30	.50	.40	1.45	2.85	11.25	
136. MAMMOTH WHITE CORY. One of the earliest varieties. Fig. 4.....	.10	.25	.40	.30	.95	1.85	7.25	
137. ★OLDS' IDEAL EARLY. The best early sweet corn. Fig. 5.....	.15	.30	.45	.35	1.05	2.00	7.75	
138. EARLY MINNESOTA. A standard early variety. Fig. 7.....	.10	.25	.40	.30	.95	1.80	7.00	
138½. HOWLING MOE. A large eared early variety.....	.10	.25	.40	.30	.95	1.80	7.00	
139. ★EARLY CHAMPION. The largest-eared early sweet corn. Fig. 10.....	.10	.25	.40	.30	.95	1.80	7.00	
139½. COUNTRY GENTLEMAN. The sweetest corn grown. Fig. 9.....	.10	.25	.45	.35	1.10	2.15	8.25	
140. KENDEL'S EARLY GIANT. Large handsome ears.....	.10	.25	.40	.30	.90	1.70	6.75	
140½. BLACK MEXICAN. Medium early; sweet and tender.....	.10	.25	.40	.30	1.05	2.00	7.75	
141. PREMO. Claimed to be the best early sweet corn. Fig. 3.....	.10	.25	.40	.30	.95	1.85	7.25	
141½. GOLDEN CREAM. A distinct variety.....	.10	.25	.40	.30	1.00	1.90	7.45	
142. GOLDEN BANTAM. Burpee's. Fig. 1.....	.10	.25	.40	.30	1.00	1.90	7.50	
142½. BANTAM EVERGREEN. One of the sweetest of sweet corns.....	.10	.25	.45	.35	1.10	2.10	8.00	
143. CROSBY'S EARLY. A favorite with canners.....	.10	.25	.40	.30	1.00	1.90	7.45	
143½. HICKOX IMPROVED. A popular canning variety. Fig. 6.....	.10	.25	.40	.30	.90	1.70	6.75	
144. ★WHITE MEXICAN. The best early market variety.....	.10	.25	.40	.30	.95	1.85	7.25	
144½. NARROW GRAINED EVERGREEN. A splendid high quality Evergreen.....	.10	.25	.40	.30	1.05	2.00	7.75	
145. ★OLDS' EARLY EVERGREEN. Fig. 8.....	Bu. 42 lbs.	.10	.25	.40	.35	.90	1.70	6.75
146. WHITE EVERGREEN. A new variety. Pure white.....	" "	.10	.25	.40	.30	.95	1.80	7.00
147. STOWELL'S EVERGREEN. The best late sweet corn.....	" "	.10	.20	.35	.25	.85	1.65	6.50
148. ZIG-ZAG EVERGREEN. Large kernels, very sweet.....	" "	.10	.25	.40	.30	.90	1.70	6.65
149. LATE MAMMOTH. The largest-eared variety. Fig. 11.....		.10	.25	.40	.30	.90	1.70	6.75

Prices named above are for  $5\frac{1}{2}$  lbs., 11 lbs. and 45 lbs., of all varieties regardless of weight per bushel.

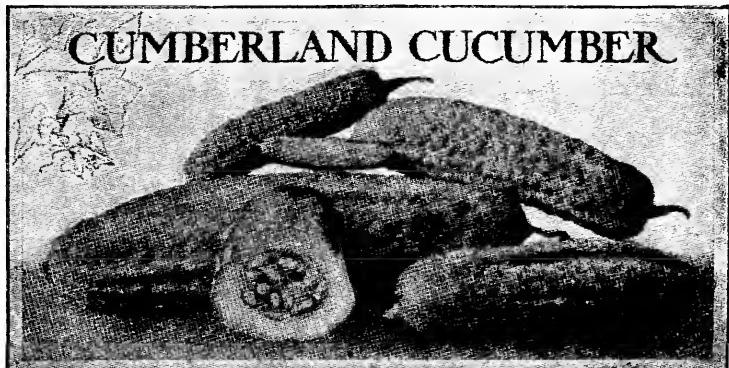
*OLD'S  
Best White Spine*



**164. OLD'S SELECT WHITE SPINE.** This is our best White Spine Cucumber. It is an extra select strain. Almost cylindrical in shape; slightly pointed at the ends. See illustration above. Very productive, fruits dark green in color and very uniform in shape. Most excellent for slicing. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.



**157 $\frac{1}{2}$ . SNOW'S PICKLING.** An early maturing variety. It is small, dark green and very popular with many growers. It resists blight and makes an ideal bottle pickle. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.



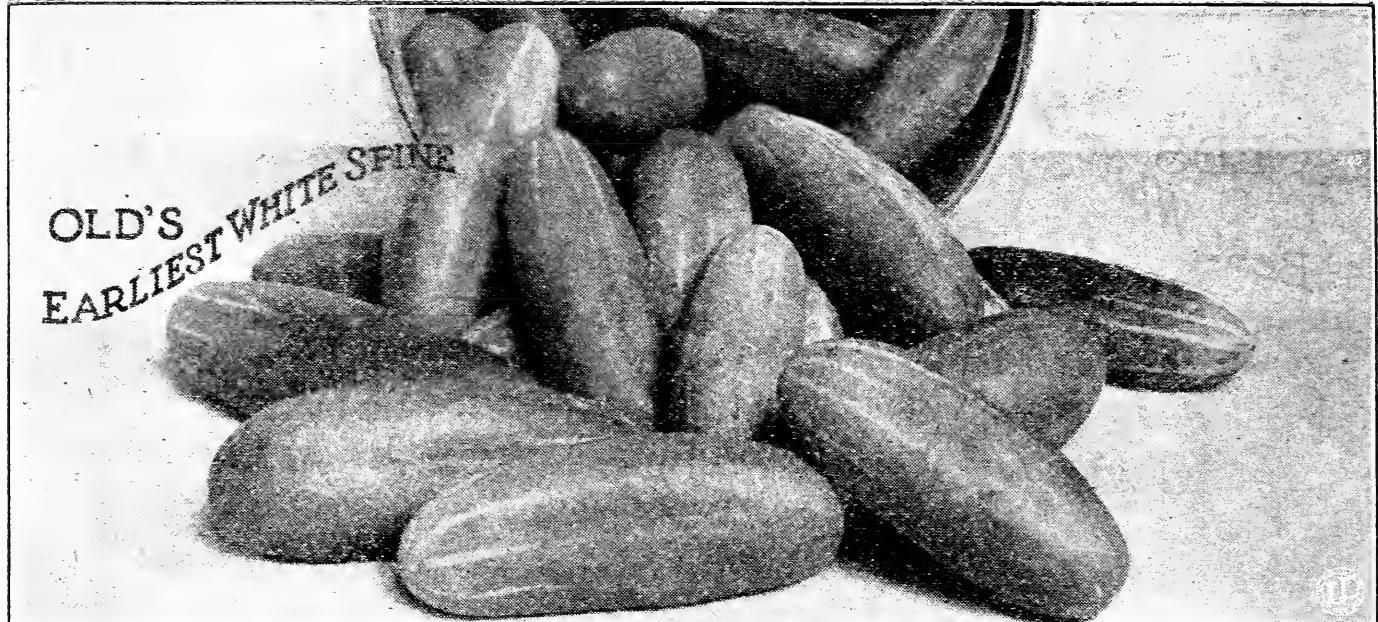
**163. ★CUMBERLAND.** The best pickling cucumber known; very prolific, with few seeds, and fine for both slicing and pickling. The Cumberland is a rapid, strong grower, producing fruit very straight and symmetrical in form (see illustration). The flesh is firm, crisp and tender at all stages. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.35. Not postpaid: 2 lbs. or more, \$1.10 per lb.

☞ See page 55 for full and complete list of cucumbers.



**162 $\frac{1}{2}$ . KLONDIKE.** A new variety, dark green in color and most excellent for slicing. The vines are vigorous and productive. The fruits when mature are about eight inches long, uniform in shape and blunt at the ends. The Klondike is an early variety, hardy and prolific, attractive in appearance and retaining the rich dark green color and crispness for a long time. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25. Not postpaid: 2 lbs. or more, \$1.00 per lb.

**ORDER EARLY.** Get seed in hand before planting time.



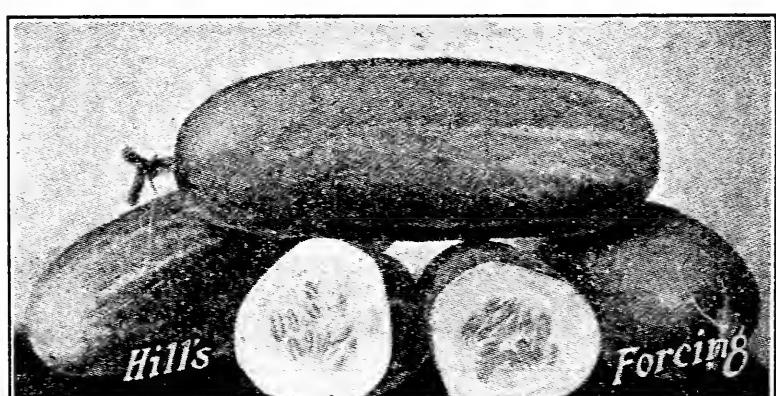
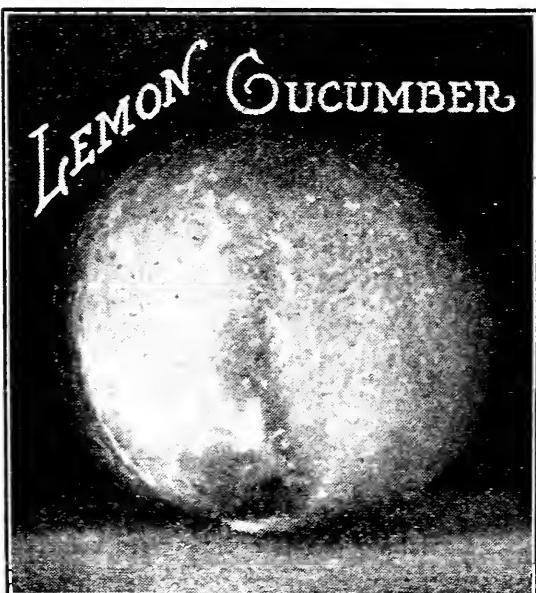
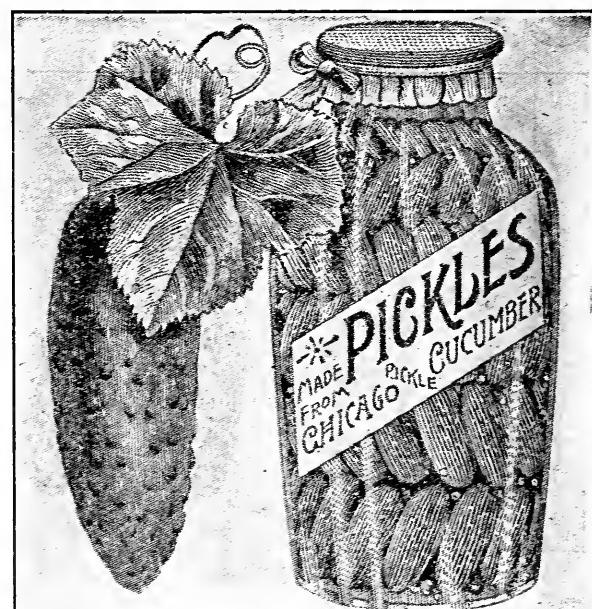
159 $\frac{1}{2}$ . **OLDS' EARLIEST WHITE SPINE.** Our Earliest Long White Spine Cucumber. We recommend this variety for its earliness. It is also a handsome cucumber—see illustration above. Fruits are uniform in shape, tapering slightly at both ends; color deep green. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.35. Not postpaid: 2 lbs. or more, \$1.20 per lb.

**158. OLDS' IMPROVED CHICAGO PICKLING.** Used almost exclusively by the factories about Chicago. It is of medium length, pointed at both ends; color deep green; begins to set its fruit when the vines are quite young. Also valuable for slicing; fine flavor; never overgrown and seedy. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25. Not postpaid: 2 lbs. or more, \$1.10 per lb.

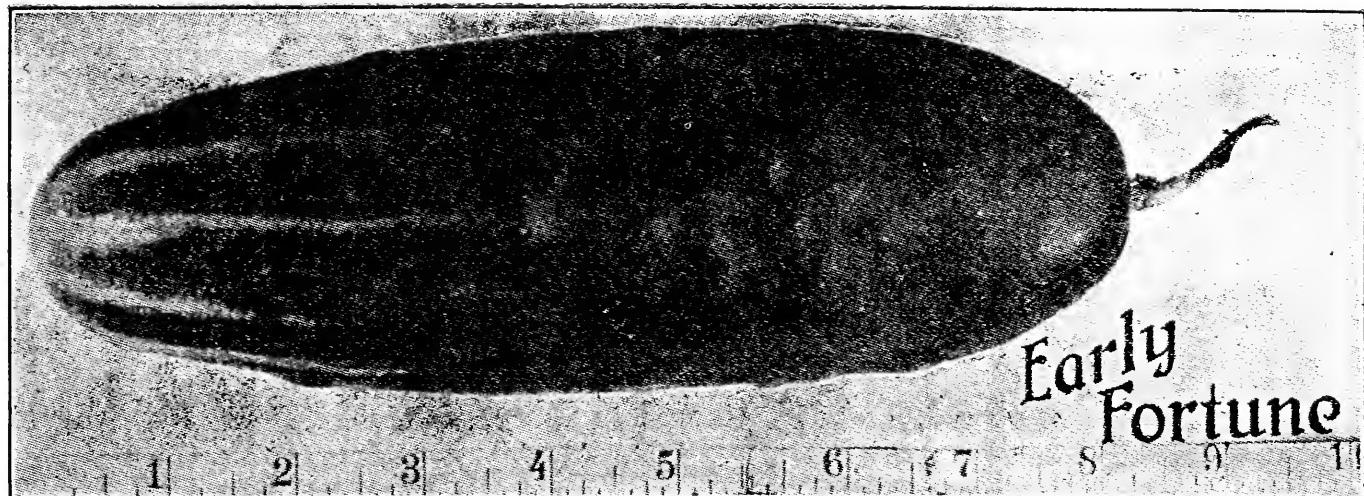


169. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.45. 172 $\frac{1}{2}$ . **LEM-ON CUCUM-BER.**

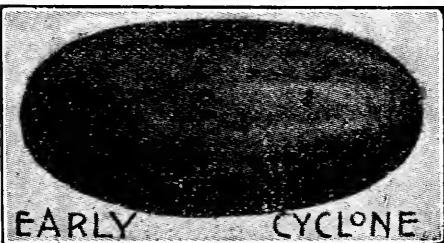
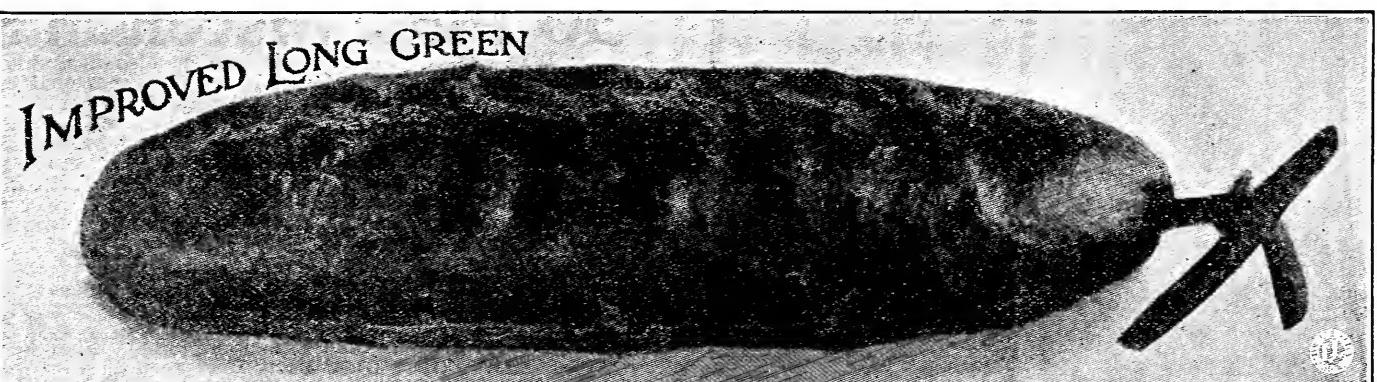
The Garden Lemon. The Lemon Cucumber resembles a lemon in shape, color and size—see illustration; grows on a vine like a cucumber. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$2.00.



158 $\frac{1}{2}$ . **HILL'S FORCING WHITE SPINE.** We believe this is the most uniform shaped and the best forcing, dark green cucumber grown. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.30. Not postpaid: 2 lbs. or more, \$1.15 per lb.



160½. ★EARLY FORTUNE. One of the best cucumbers that has been introduced in years and destined to take the place of many of the old-time strains of White Spine. It has a very dark green skin, is thick fleshed, tender and sweet. It is early, productive and of strong growth. Withstands blight and brings its fruit to full size and perfection. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25. Not postpaid: 2 lbs. or more \$1.00 per lb.



EARLY CYCLONE

165. OLDS' IMPROVED LONG GREEN. One of the best for pickles and salad. The young fruit makes excellent pickles, and when ripe is the best for sweet pickles. Vines vigorous and productive. Fruits long, firm and crisp. This variety is a very popular one, and the seed we offer is an improved strain. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50. Not postpaid: 2 lbs. or more, \$1.25 per lb.

168. ★EARLY CYCLONE. The earliest cucumber in cultivation. It is short (see illustration), thick and deep green in color. Valuable for both slicing and pickling. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.30. Not postpaid: 2 lbs. or more, \$1.05 per lb.

Olds' Seeds are not sold on commission.

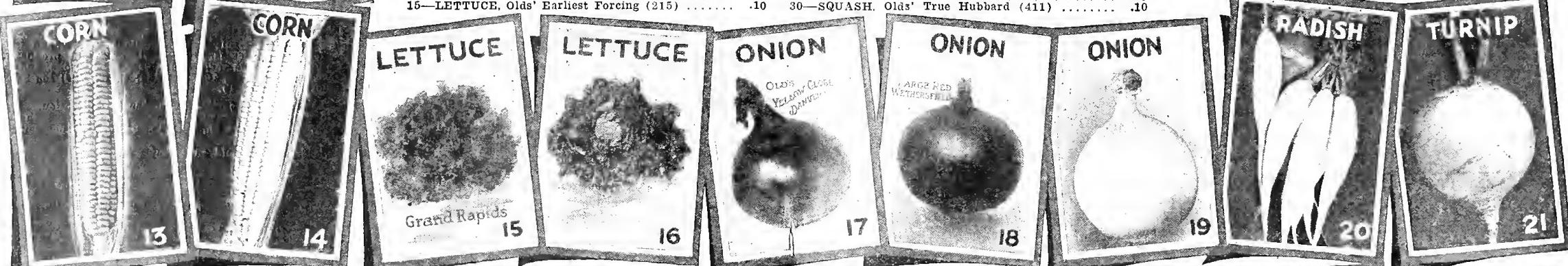
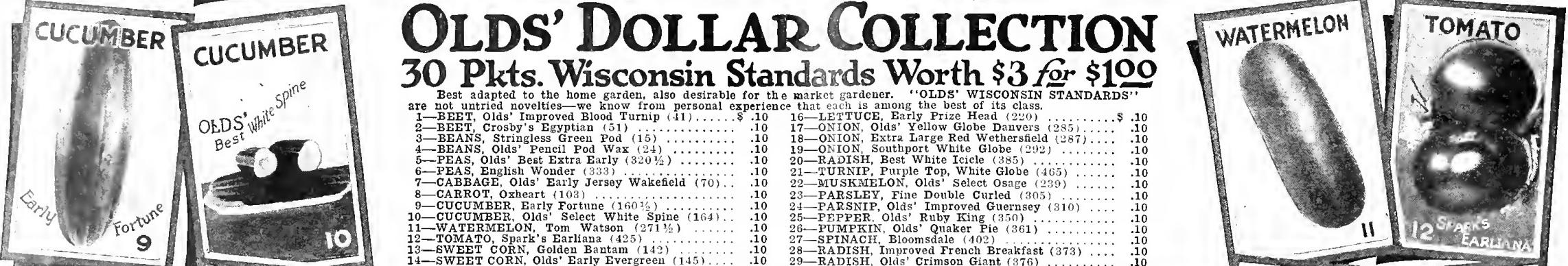
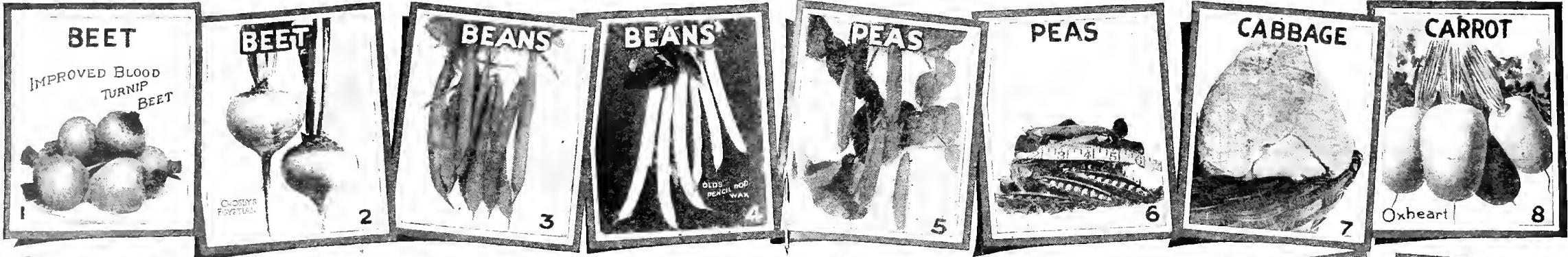
#### CUCUMBER. Full List.

Two pounds at 5 pound rates. Always pick cucumbers when fit for use.

		By parcel post.					
		pkt.	oz.	¼ lb.	lb.	5 lbs	
155.	EARLY FRAME.	An old and most popular variety; very productive.....	\$0.05	\$0.15	\$0.35	\$1.20	\$5.25
156.	EARLY GREEN CLUSTER.	Fine for small pickles.....	.05	.15	.35	1.25	5.50
157.	FORDHOOK PICKLING.	One of the best and very prolific.....	.10	.15	.35	1.30	5.75
157½.	SNOW'S PICKLING.	See page 53 for description and illustration.....	.10	.15	.35	1.25	5.50
158.	OLDS' IMPROVED CHICAGO PICKLING.	Page 54.....	.10	.15	.35	1.25	5.50
158½.	HILL'S FORCING WHITE SPINE.	The best dark green forcing variety.....	.10	.15	.35	1.30	5.75
159½.	OLDS' EARLIEST WHITE SPINE.	Our earliest long white spine.....	.10	.15	.35	1.35	6.00
160.	EXTRA EARLY WHITE SPINE.	Useful for pickling, also table use.....	.10	.15	.35	1.20	5.25
160½.★	EARLY FORTUNE.	One of the best cucumbers of recent introduction.....	.10	.15	.35	1.25	5.50
161.	ARLINGTON WHITE SPINE.	A fine strain of White Spine.....	.05	.15	.35	1.20	5.25
162½.	KLONDIKE.	The best dark green variety for slicing.....	.10	.15	.35	1.25	5.50
163.	★CUMBERLAND.	The best pickling cucumber known.....	.10	.15	.35	1.35	6.00
164.	★OLDS' SELECT WHITE SPINE.	Our best White Spine.....	.10	.15	.35	1.25	5.50
165.	OLDS' IMPROVED LONG GREEN.	One of the best for pickles.....	.10	.15	.40	1.50	6.75
166.	THORBURN'S EVERBEARING.	A continuous bearer.....	.05	.15	.35	1.35	6.00
167.	LIVINGSTON'S EMERALD.	Large, smooth, and deep green.....	.10	.15	.40	1.50	6.75
168.★	EARLY CYCLONE.	King of the Earliest.....	.10	.15	.35	1.30	5.75
169.	★DAVIS PERFECT.	Unequaled for color, shape and productiveness.....	.10	.15	.40	1.45	6.50
170.	JAPANESE CLIMBING.	Can be trained upon a trellis or poles.....	.10	.15	.40	1.50	6.75
171.	WEST INDIA GHERKIN or BURR.	Small prickly fruits.....	.10	.20	.55	2.00	9.25
172.	GIANT PERA.	Large, long, smooth; flesh clear, crisp and tender.....	.05	.15	.45	1.65	7.50
172½.	LEMON.	The Garden Lemon. Crisp and tender.....	.10	.20	.55	2.00	9.25
173.	PARISIAN PICKLING.	A distinct variety.....	.10	.20	.60	2.25	
174.	OLDS' MIXED.	Cucumbers the entire season.....	.05	.15	.30	1.00	4.25

Our cucumber seed is grown from thoroughbred stocks carefully selected. Our packets each contain ¼ oz. of seed; sufficient to plant from 12 to 15 hills; 2 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Use Bug Death on cucumber and other vine crops. Page 109.





# OLDS' DOLLAR COLLECTION

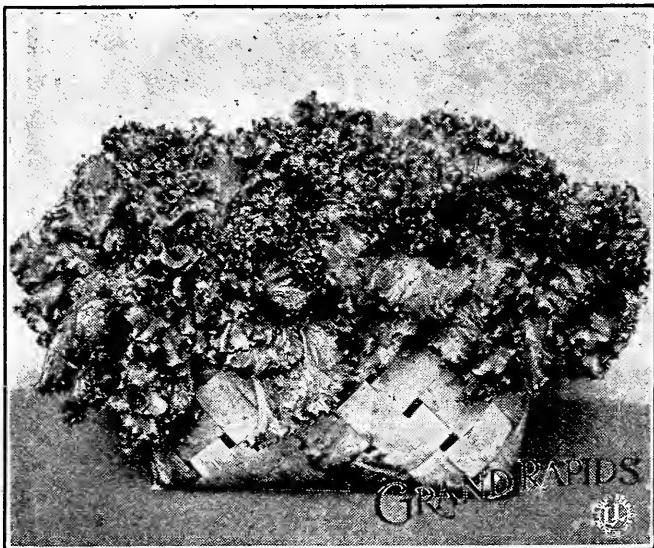
## 30 Pkts. Wisconsin Standards Worth \$3 for \$100

Best adapted to the home garden, also desirable for the market gardener. "OLDS' WISCONSIN STANDARDS"

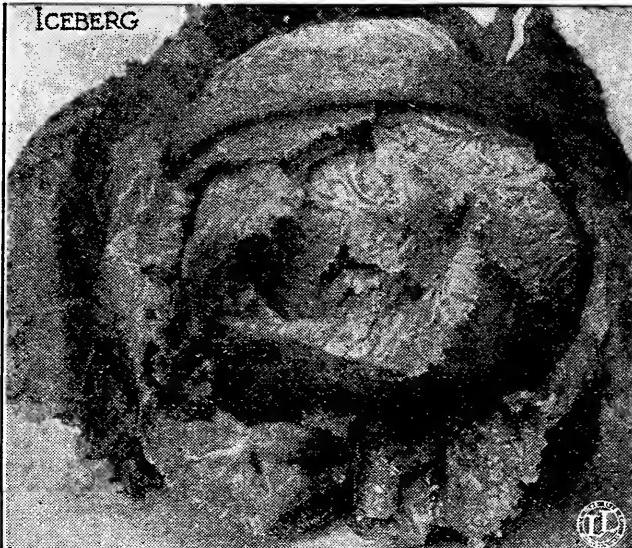
1—BEET, Olds' Improved Blood Turnip (41) . . . . .	\$ .10	16—LETTUCE, Early Prize Head (220) . . . . .	\$ .10
2—BEET, Crosby's Egyptian (51) . . . . .	.10	17—ONION, Olds' Yellow Globe Danvers (285) . . . . .	.10
3—BEANS, Stringless Green Pod (15) . . . . .	.10	18—ONION, Extra Large Red Wethersfield (287) . . . . .	.10
4—BEANS, Olds' Pencil Pod Wax (24) . . . . .	.10	19—ONION, Southport White Globe (292) . . . . .	.10
5—PEAS, Olds' Best Extra Early (320 1/2) . . . . .	.10	20—RADISH, Best White Icicle (385) . . . . .	.10
6—PEAS, English Wonder (333) . . . . .	.10	21—TURNIP, Purple Top, White Globe (465) . . . . .	.10
7—CABBAGE, Olds' Early Jersey Wakefield (70) . . . . .	.10	22—MUSKMELON, Olds' Select Osage (239) . . . . .	.10
8—CARROT, Oxheart (103) . . . . .	.10	23—PARSLEY, Fine Double Curled (305) . . . . .	.10
9—CUCUMBER, Early Fortune (160 1/2) . . . . .	.10	24—PARSNIP, Olds' Improved Guernsey (310) . . . . .	.10
10—CUCUMBER, Olds' Select White Spine (164) . . . . .	.10	25—PEPPER, Olds' Ruby King (350) . . . . .	.10
11—WATERMELON, Tom Watson (271 1/2) . . . . .	.10	26—PUMPKIN, Olds' Quaker Pie (361) . . . . .	.10
12—TOMATO, Spark's Earliana (425) . . . . .	.10	27—SPINACH, Bloomsdale (402) . . . . .	.10
13—SWEET CORN, Golden Bantam (142) . . . . .	.10	28—RADISH, Improved French Breakfast (373) . . . . .	.10
14—SWEET CORN, Olds' Early Evergreen (145) . . . . .	.10	29—RADISH, Olds' Crimson Giant (376) . . . . .	.10
15—LETTUCE, Olds' Earliest Forcing (215) . . . . .	.10	30—SQUASH, Olds' True Hubbard (411) . . . . .	.10

# LETTUCE

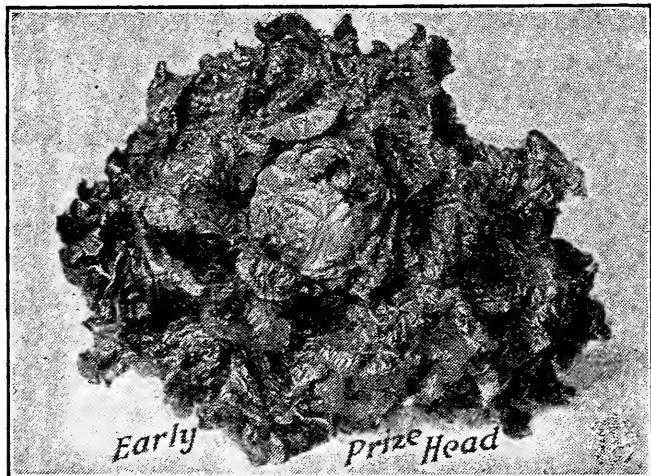
Our lettuce seed is grown by the most careful seed growers in California. Our packets each contain  $\frac{1}{4}$  oz. of seed, sufficient for from 25 to 30 feet of drill; 3 lbs. will seed one acre. Leaflet on Culture, free on request.



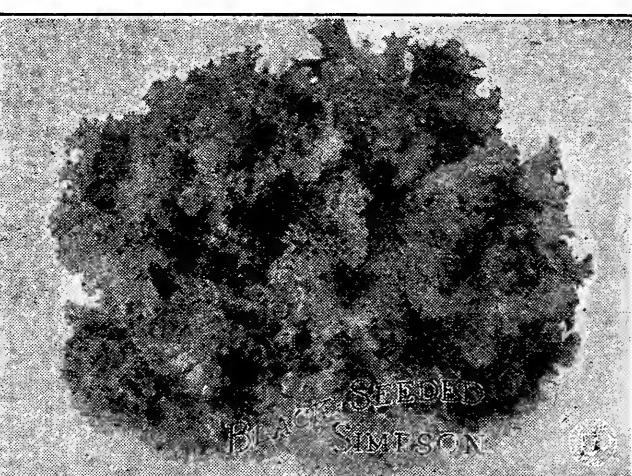
**215. GRAND RAPIDS.** (Olds' Earliest Forcing.) The best variety for forcing. It does not form heads but makes a rapid upright growth of loose leaves—see illustration above. Very crisp, tender and delicious. Useful for outdoor planting. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.



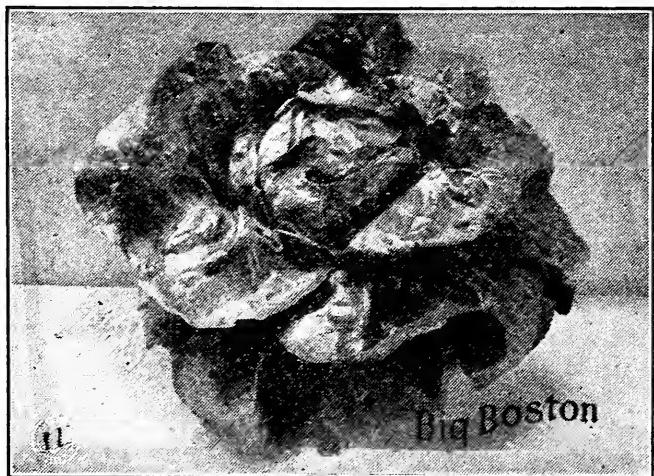
**216. ICEBERG.** A beautiful head lettuce—see illustration above. The leaves turn in, causing thorough blanching. Crisp, tender and of fine flavor. It is quick growing and always crisp and tender even in hot weather. Heads large, firm and solid. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.45.



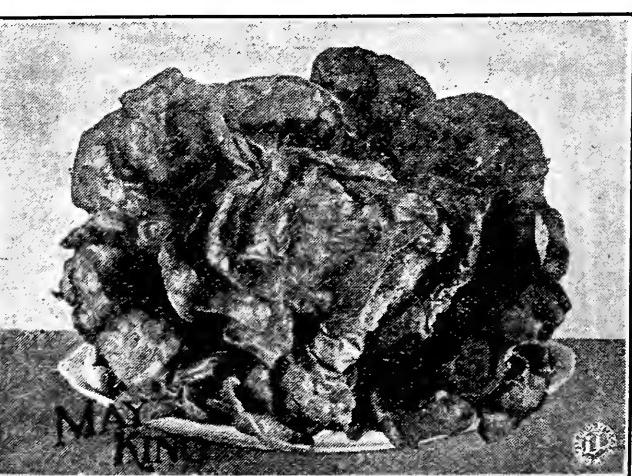
**220. ★EARLY PRIZE HEAD.** A splendid lettuce for home use—see illustration above. It forms a large, tender, crisp, loose leaf head of bright crimped leaves tinged with brownish red: remains good throughout the entire season. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 36c; lb., \$1.00.



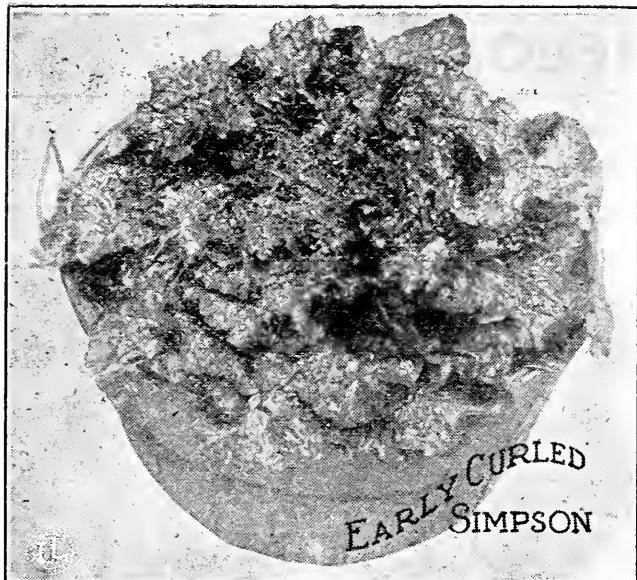
**219. BLACK-SEEDED SIMPSON.** The most popular loose leaf variety; crisp and tender. It grows a fine green leaf and the inner leaves form a loose head—see illustration above; very tender and crisp. The most desirable all-round lettuce. Pkt. 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c.



**BIG BOSTON. (222).** Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c.



**MAY KING. (227).** Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c.

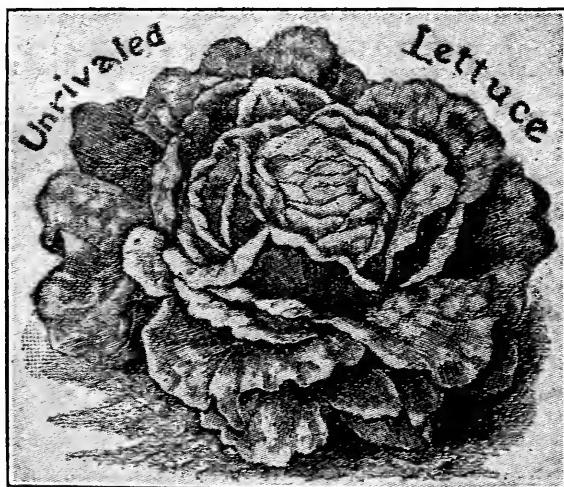


221. **EARLY CURLED SIMPSON.** An extensively used loose leaved variety. Fine for cutting and for home use—see illustration; leaves light green, crisp and tender. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.20.

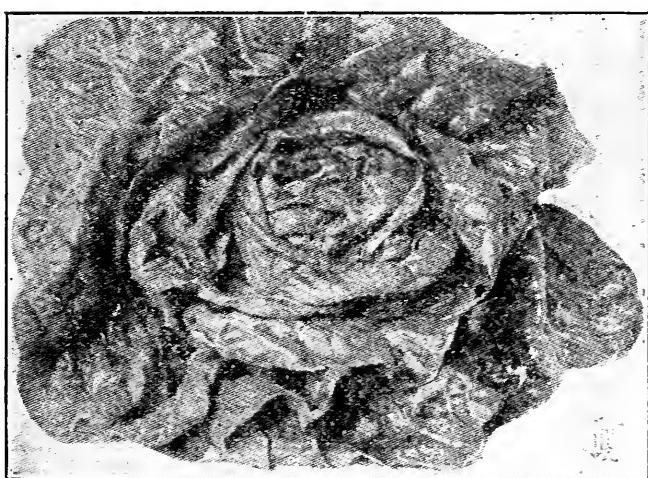
**226. OLDS' GOLDEN QUEEN.** One of the best first early varieties. It is a head lettuce, but also makes a good forcing sort, producing medium sized, golden-yellow heads, solid, crisp and tender. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.



PARIS WHITE COS. (231). Pkt., 10c; oz., 15c.



223. **★UNRIValed.** This new lettuce comes nearer combining all the qualities required by a market gardener than any other sort we know of. It is early, large, attractive in color, and resists the summer heat. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.



223. **WAYAHEAD.** A very early head lettuce. Sure to head and always good early or late. It may be sown either in the cold frame or in the open ground. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

### LETTUCE. Full List.

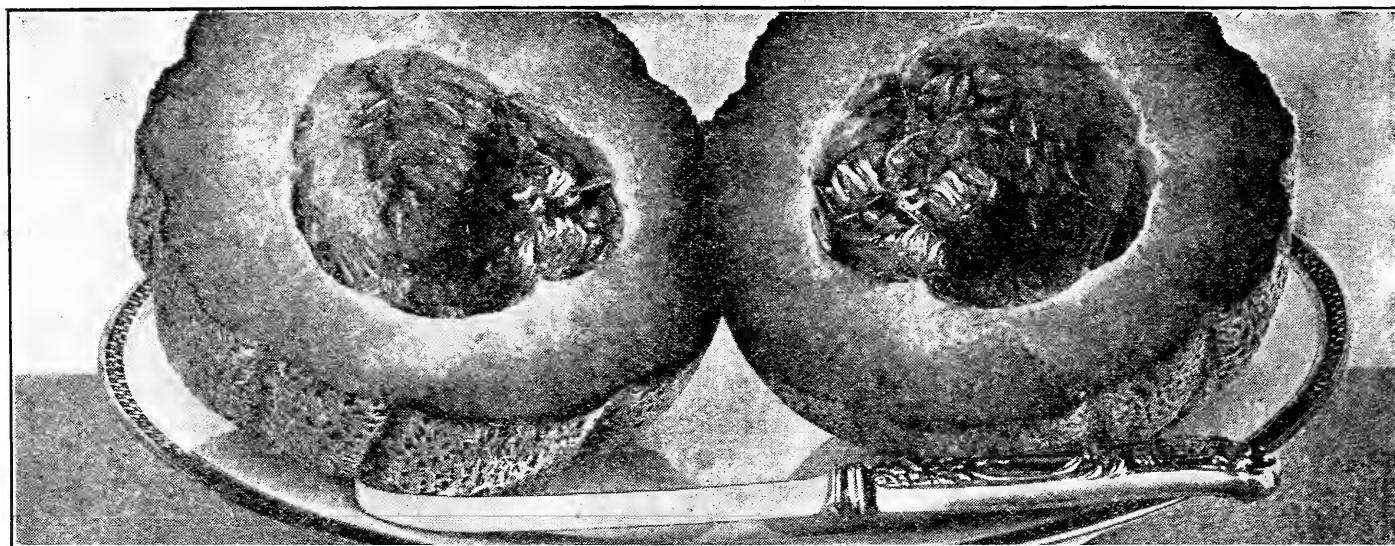
SOW LETTUCE OFTEN FOR A CONTINUOUS SUPPLY Half pounds at pound rates.

	Parcel post.			
	pkt.	oz.	$\frac{1}{4}$ lb.	lb.
215. <b>★GRAND RAPIDS.</b> (Olds' Earliest Forcing). The best forcing variety.....	\$0.10	\$0.15	\$0.35	\$1.25
216. <b>ICEBERG.</b> Solid heads, with leaves always crisp and tender.....	10	.15	.40	1.45
217. <b>IMPROVED HANSON.</b> Heads solid, crisp and tender.....	.05	.15	.35	1.20
218. <b>IMMENSITY.</b> A new variety; large and heat-resisting.....	.05	.15	.35	1.25
219. <b>BLACK-SEEDED SIMPSON.</b> A popular variety; crisp and tender.....	.10	.15	.30	1.00
220. <b>★EARLY PRIZE HEAD.</b> Splendid for family use.....	.10	.15	.30	1.00
221. <b>EARLY CURLED SIMPSON.</b> Fine for cutting, and for home use.....	.10	.15	.35	1.20
222. <b>BIG BOSTON.</b> The best large-headed variety for forcing.....	.10	.15	.30	1.00
223. <b>★UNRIValed.</b> It is early, attractive and resists heat.....	.10	.15	.35	1.25
224. <b>BLACK SEEDED BIG BOSTON.</b> An improved strain of Big Boston.....	.10	.15	.40	1.50
225. <b>CALIFORNIA CREAM BUTTER.</b> Extra fine.....	.05	.15	.30	1.00
226. <b>OLDS' GOLDEN QUEEN.</b> One of the best first early varieties.....	.05	.15	.40	1.50
227. <b>★MAY KING.</b> The best early-heading variety. Can also be used for forcing.....	.10	.15	.35	1.25
228. <b>ALL THE YEAR ROUND.</b> One of the best varieties for market.....	.05	.15	.35	1.30
229. <b>OAK LEAVED.</b> Light green, in shape like an oak leaf.....	.10*	.20	.50	1.75
230. <b>TILTON'S WHITE STAR.</b> A distinct variety of Black-Seeded Simpson.....	.05	.15	.35	1.25
231. <b>PARIS WHITE COS.</b> Produces long, pointed heads; compact leaves.....	.10	.15	.40	1.45
232. <b>WAYAHEAD.</b> A very early head lettuce. Illustrated above.....	.10	.15	.40	1.50
234. <b>OLDS' LETTUCE MIXTURE.</b> Salad throughout the whole season with one sowing.....	.05	.15	.25	.85

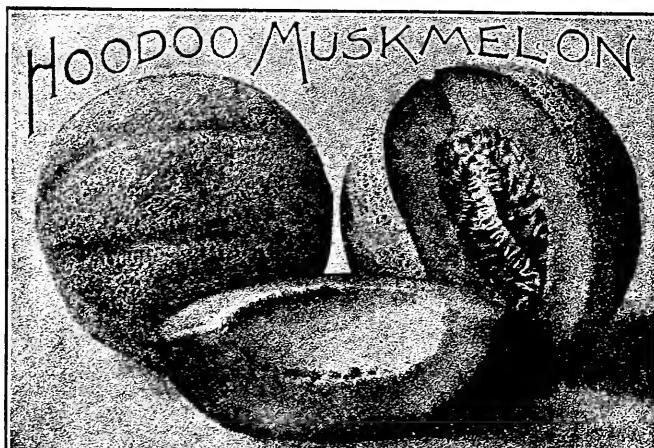
OLD LETTUCE SEED FOR BIRDS. Lb., 35c; postpaid. Not prepaid: 5 lbs. or more, 10c per lb.

# MUSKMELON

Our Muskmelon Seed is the best that can be grown. Each packet contains  $\frac{1}{4}$  oz. of seed, enough to plant from 10 to 15 hills; 2 to 3 lbs. will plant one acre in hills. Those marked with a star are the varieties we especially recommend. Order by number. Leaflet on culture for melons, free on request.

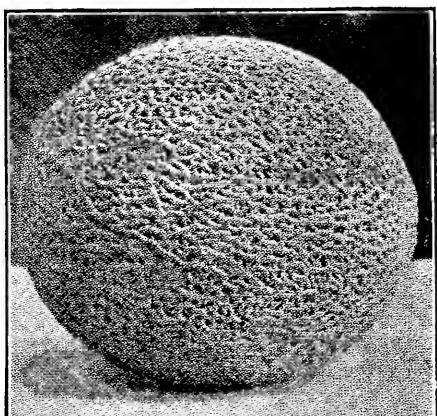


**244. ★OLDS' ROCKY FORD or NETTED GEM.** The melon that has made Rocky Ford Famous. Illustrated above. The Rocky Ford is probably in greater demand than any other one melon, and much seed of this variety is offered every year at a low price, by careless growers. Our seed is carefully grown from selected stock seed. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.15. Not postpaid: 2 lbs. or more, \$90c per lb.

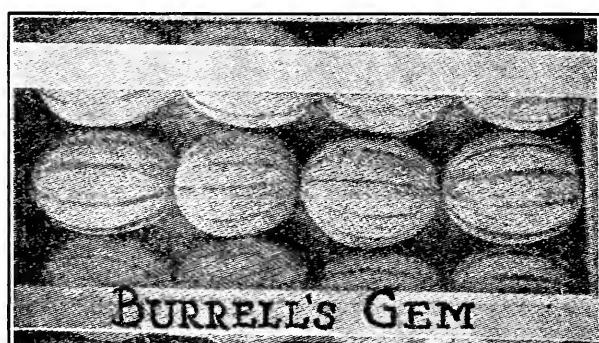


247. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**247½. GOLD LINED ROCKY FORD.** One of the sweetest and most delicious melons grown. The flesh is thick, very tender and of a beautiful green color, with a gold margin next to the seed cavity. It is slightly oval in shape, no ribs, and is heavily netted over the entire melon. The Gold Lined is a new melon, recently introduced by one of the most reliable growers of Rocky Ford, Colo. Our seed was grown for us by the originator. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.



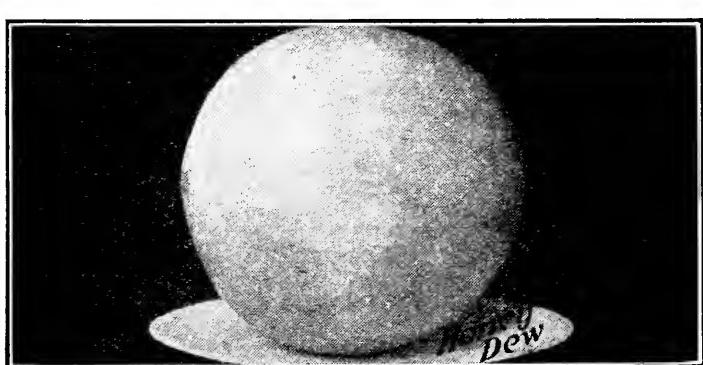
**244½. TEXAS CANNON BALL.** Round, medium sized, heavily netted. See illustration above. Flesh green, very solid, melting and of delicious flavor. Of all melons this has the smallest seed cavity. Can be shipped any distance. Excellent also for home use. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.



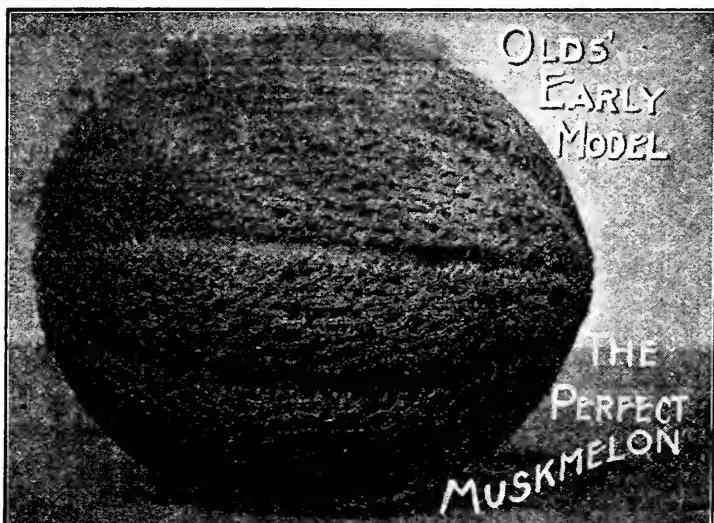
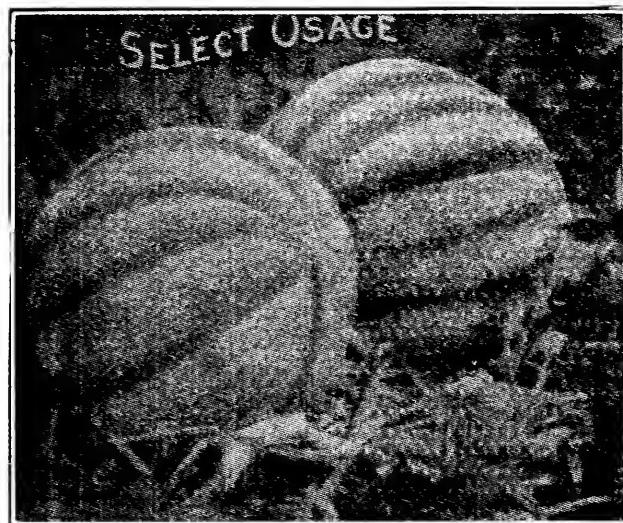
BURRELL'S GEM

**242. BURRELL'S GEM.** The golden fleshed Rocky Ford. Burrell's Gem, which is an improved Rocky Ford, averages 2 lbs. in weight, 6 inches in length and  $4\frac{1}{2}$  inches across. It is very solid and has a small seed cavity. The flesh is very thick, fine-grained and spicy. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**252. WINTER MUSKMELON.** Golden Beauty Casaba. The Eastern trade prefers it to any other—try it. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 70c; or order anything from this catalog amounting to \$1.00 or more and we will give free, on request, a packet for trial.

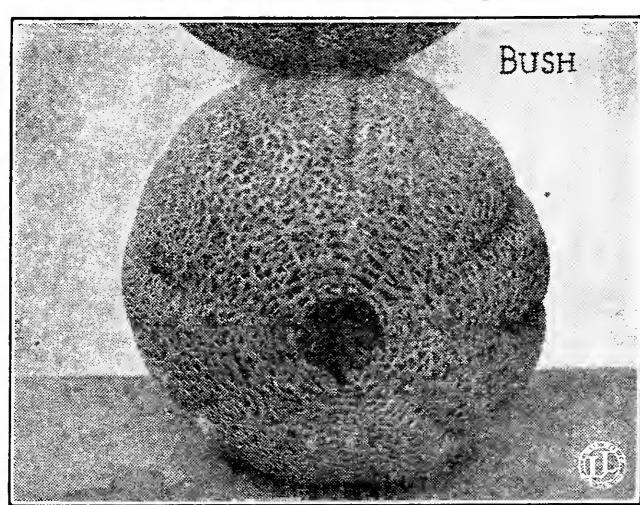
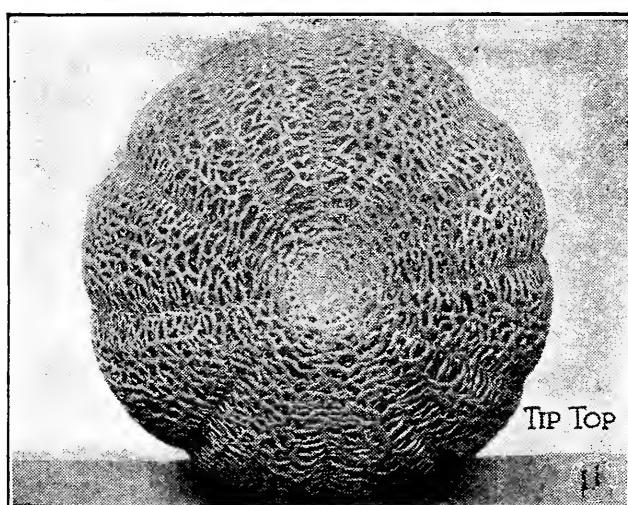


**253. HONEY DEW MELON.** The famous Honey Dew is as sweet as honey and has several flavors, including pineapple, banana and vanilla. See illustration above for size and appearance. Flesh green, very thick, melting and fine grained. Pkt., 10c; 2 pkts., 15c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.25.



**239. ★OLDS' SELECT OSAGE.** The most popular melon among our customers—just right for the home garden. The shape is pointed oval, skin slightly netted (see illustration above), with thick salmon-colored flesh, retaining its sweetness close to the rind. Our seed is from selected stock seed. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.15. Not postpaid: 5 lbs., \$4.50.

**245. OLDS' EARLY MODEL.** The perfect Muskmelon. The Model averages about two pounds in weight; is perfect in shape—see illustration. Very productive and possesses all the good qualities of the Rocky Ford. The flesh is green, seed cavity small with few seeds. On account of its size and shape, will bring fancy prices in any market. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.65. Not postpaid: 2 lbs. or more at \$1.40 per lb.



**254. TIP TOP.** Handsome in appearance, round in shape, beautifully netted, of excellent flavor, firm, sweet and juicy. Yellow fleshed. Pkt., 10c; 2 pkts., 15c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$1.95.

**251. NEW BUSH.** Distinctly a bush variety. It can be grown in hills three feet apart. The fruit is of the "Jenny Lind" type. New crop failed. Pkt., 25c.

#### MUSKMELON. Complete List.

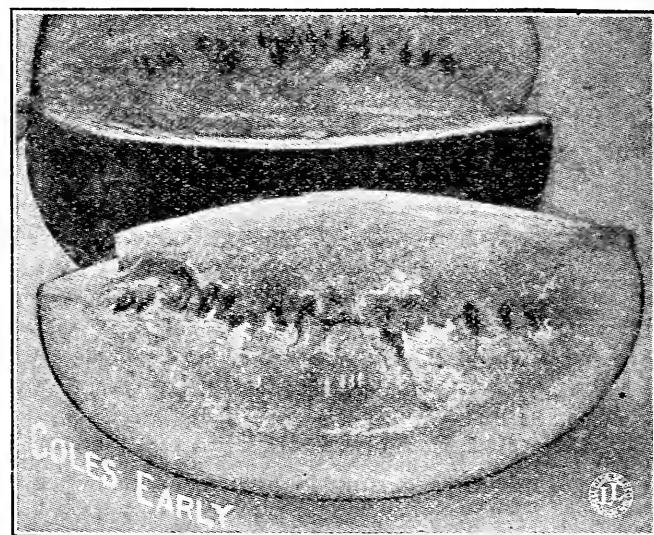
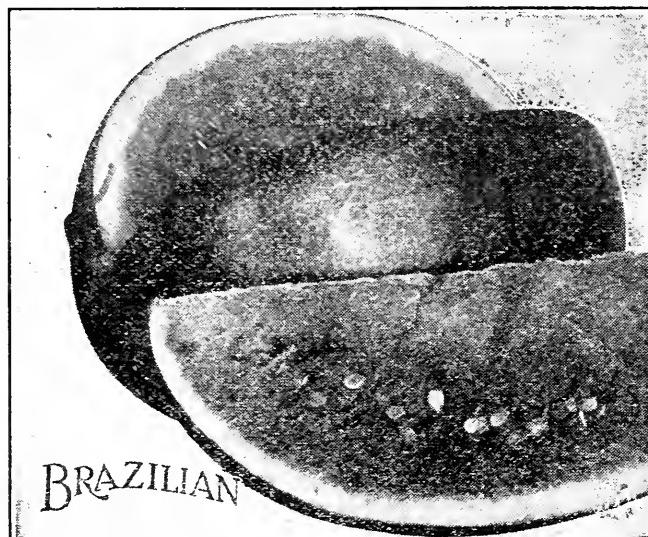
When melons crack around the stem they are ripe. Half-pounds at pound rates.

		By parcel post.				
		pkt.	oz.	$\frac{1}{4}$ lb.	lb.	
235.	CHICAGO MARKET.	Early, of uniform size; green-fleshed.	\$0.05	\$0.15	\$0.35	\$1.25
236.	EXTRA EARLY HACKENSACK.	Earlier and larger than the old Hackensack.	.05	.15	.35	1.25
238.	EMERALD GEM.	One of the sweetest melons in cultivation.	.05	.15	.35	1.25
239.	★OLDS' SELECT OSAGE.	The most popular melon with our customers.	.10	.15	.30	1.15
240.	MONTRÉAL NUTMEG.	A large, late variety, of superior quality.	.10	.15	.40	1.50
240½.	EXTRA EARLY OSAGE.	A new early variety; salmon-colored flesh.	.05	.15	.45	1.65
241.	CHAMPION MARKET.	As early as Netted Gem; large and prolific.	.05	.15	.35	1.25
242.	★BURRELL'S GEM.	The golden-fleshed Rocky Ford.	.10	.15	.40	1.50
243.	PAUL ROSE or PETOSKEY.	Salmon-colored flesh, very sweet and highly flavored.	.05	.15	.35	1.25
243½.	★FORDHOOK.	A handsome, new melon; very prolific.	.10	.15	.35	1.35
244.	OLDS' ROCKY FORD.	The melon that has made Rocky Ford, Colo., famous.	.10	.15	.30	1.15
244½.	★TEXAS CANNON BALL.	The melon with the smallest seed cavity.	.10	.15	.35	1.25
245.	OLDS' EARLY MODEL.	The perfect muskmelon; withstands drought.	.10	.15	.45	1.65
246.	MAMMOTH GIANT.	The largest good muskmelon grown.	.10	.15	.40	1.50
247.	HOODOO MUSKMELON.	A good all-purpose melon.	.10	.15	.35	1.25
247½.	GOLD LINED ROCKY FORD.	Thick flesh, with a gold margin next to the seed cavity.	.10	.15	.40	1.50
248.	GREEN FLESHED OSAGE.	Very hardy and prolific.	.05	.15	.30	1.00
248½.	BANANA.	A delicious melon, shaped and flavored like a banana.	.10	.20	.55	2.00
249.	OLDS' MIXED.	A selection of varieties grown separately and the seed mixed together.	.05	.15	.30	1.00
250.	MANGO MELON.	Vegetable Orange or Vine Peach.	.10	.20	.50	1.85
251.	NEW BUSH.	A bush variety—can be planted in hills three feet apart.	.25			
252.	WINTER MUSKMELON.	Golden Beauty Casaba. Give it a trial.	.10	.25	.70	2.50
253.	HONEY DEW MELON.	As sweet as honey. Can be eaten to the extreme rind.	.10	.20	.60	2.25
254.	TIP TOP.	Handsome, round, sweet and juicy. Illustrated above.	.10	.20	.55	1.95

IT PAYS TO PLANT OLDS' SEEDS.

# WATERMELON

Our Seed is saved from melons grown exclusively for seed, and by seed growers of experience. Our packets each contain  $\frac{1}{4}$  oz. of seed, sufficient to plant from 8 to 12 hills; 4 to 5 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Two pounds or more at 5 pound rates. Market Gardeners should write for our market gardeners' net price list—free on request. Leaflet on melon culture, free on request.



**268½. BRAZILIAN.** The prize melon—give it a trial. Dorothy Cornell, of Mayer, Minn., writes: "I received a packet of your new Brazilian Watermelon. I have never had any luck raising watermelons before but this year had some very nice, sweet, juicy melons and any one buying your Brazilian Watermelon seed will be more than satisfied I am sure." Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

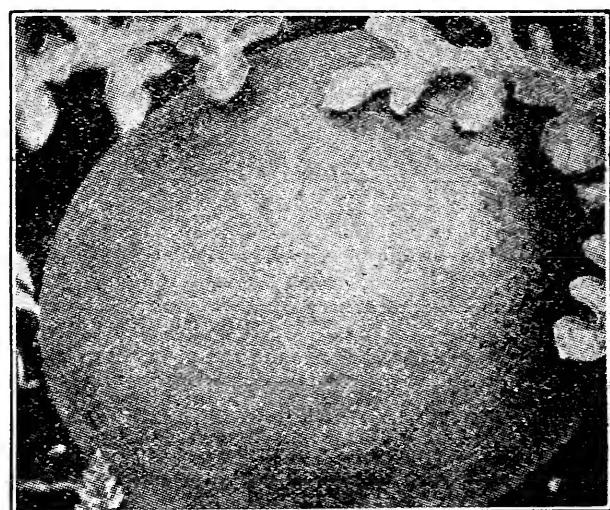
**265. OLDS' 1908 MELON.** (Chilian). This melon is now acclimated and is the melon for profit to the grower and to the dealer, as well as being most delicious to the consumer. Martin Eisle, of Gramont, Ill., says: "I got about 50 melons from the packet of seed you sent me and some of them measured 12 inches through. They are as fine a melon as I ever ate; very sweet and have a fine flavor." It is very attractive, quite large, nearly round with a dark green rind; the flesh is light red, solid, sweet and melting. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**262. ★COLE'S EARLY.** A fine, extra early melon, of medium size, almost round in shape, mottled with various shades of green; very sweet, tender and delicious. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 95c.

If you have never ordered one of our Dollar Collections of Wisconsin Standards do so this season. It is a real bargain. \$3.00 worth for \$1.00. See pages 56 and 57.



KLECKLEY SWEETS. (270). Pkt., 10c; oz., 15c.

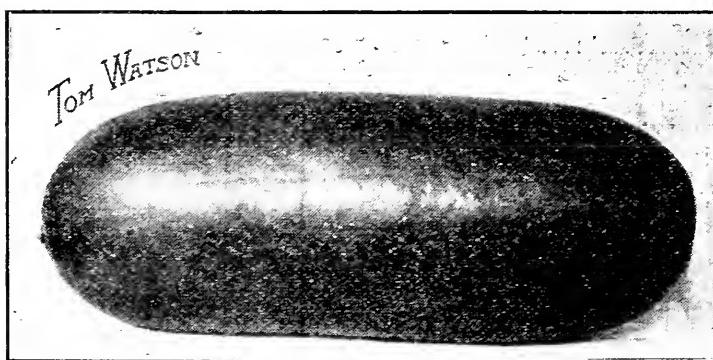


CHILIAN. (265). Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c.

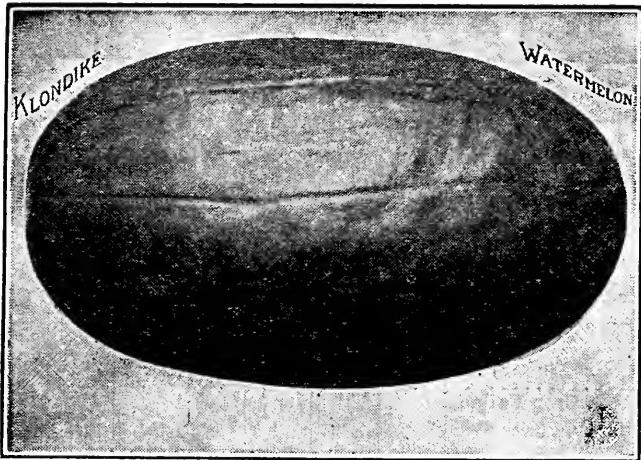
**267. ★ICE CREAM OR PEERLESS.** A standard home melon. Extra early, sweet, of good size and very productive; flesh bright scarlet, solid to the center, melting and delicious. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 95c. Not postpaid: 5 lbs., \$3.50.

**270. ★KLECKLEY SWEETS.** One of the finest melons for home use; handsome in appearance—see illustration; flesh bright scarlet, crisp and tender. With us these melons ripen early. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 95c. Not postpaid: 5 lbs., \$3.50.

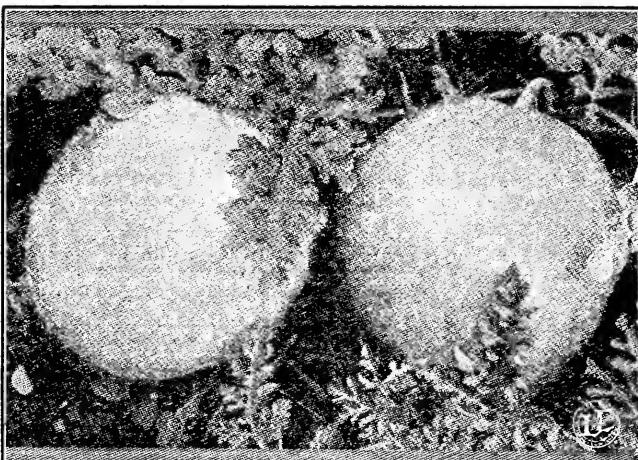
**271½. TOM WATSON.** A large, oblong melon (see illustration), quite distinct from other varieties. The flesh is deep red, crisp, melting and of the finest flavor. It is a most excellent shipper and very handsome in appearance. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 95c. Not postpaid: 5 lbs., \$3.50.



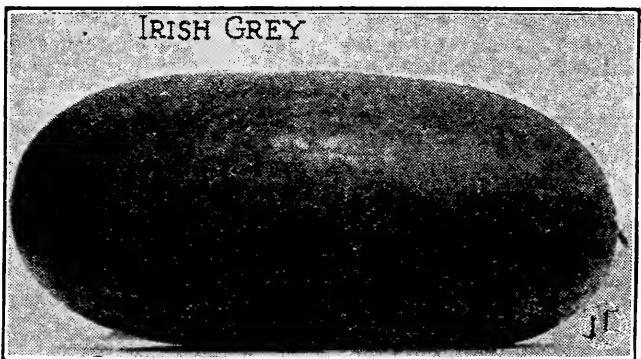
TOM WATSON. (271½). Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c.



**270½. KLONDIKE.** The sweetest melon grown. This melon is offered with the assurance that it is not only very prolific and extremely early but as sweet and melting as any variety grown. The seeds are only one-half as large as in other melons; rind thin and on this account it is not a good shipper, but is just the melon for home use and local sale—try it. It remains good a long time after picking and will ripen in the North. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.15.

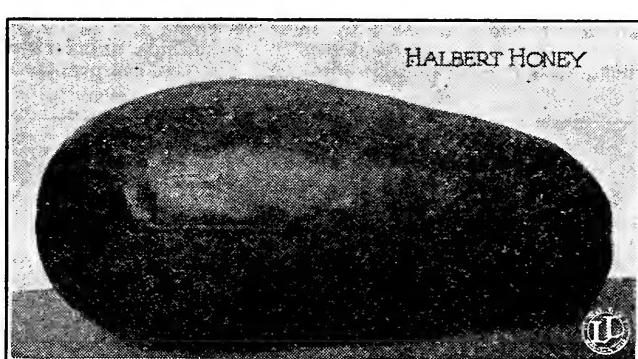


**276½. WINTER.** The Winter Watermelon is earlier than "The Sweetheart," almost as hard and solid as a citron. The melons are almost round with a light green skin—see illustration above. Flesh is red, firm and sweet. Very prolific and well adapted to this section of the country. On account of its wonderful keeping qualities, this variety will give splendid satisfaction to those who want a winter melon. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50; 2 lbs. or more, \$1.85 per lb.



**268. IRISH GREY.** A new heat resistant grey melon; deep red flesh, hard and sweet. Pkt. (¼ oz.). 10c; oz., 15c; ¼ lb., 35c, or order anything from this catalog amounting to \$1.00 or more and we will give free, on request, a packet for trial.

Mrs. Viola A. Aldrich, Sioux Falls, S. D., writes: "The Irish Grey Watermelons were fine. They ripened before Hungarian Honey, planted the same time. They had a very firm, thin rind and the flesh was very sweet."



**273. HALBERT HONEY.** A fine melon for the home garden. It is large, attractive, oblong in shape; rind dark green; flesh crimson; very sweet and tender. The vines grow quickly, and melons ripen even in the northern states. It is not a good shipper, but it is one of the sweetest melons yet introduced. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 2 lbs. or more, 85c per lb.

The Best Seeds That Grow Are Sold By Olds.

### WATERMELON. Full List.

2 lbs. at 5 pound rates. Dust Young Watermelon Plants With Bug Death—Page 109.

		By parcel post.				
		pkt.	oz.	¼ lb.	lb.	5 lbs
260.	<b>WONDERFUL SUGAR.</b> (McIver's.) A leading melon of the day; handsome in appearance; very productive, sweet and luscious.....	\$0.10	\$0.15	\$0.25	\$ .85	\$3.50
261.	<b>SWEET HEART</b> The best long shipper. Large oval, flesh bright red.....	.05	.15	.25	.85	3.50
262.	<b>★COLE'S EARLY.</b> A very early melon; just right in size and shape.....	.10	.15	.25	.95	4.00
262½	<b>PHINNEY'S EARLY.</b> A very early melon, suitable for the North.....	.05	.15	.25	.90	3.75
263.	<b>FORDHOOK EARLY.</b> The earliest large melon; a good shipper.....	.10	.15	.30	1.00	4.25
264.	<b>KOLB'S GEM.</b> A well-known shipper. Large and a heavy yielder.....	.05	.15	.25	.85	
264½	<b>DARK ICING.</b> Skin dark green; flesh sweet and melting—the trucker's favorite.....	.05	.15	.25	.85	
265.	<b>OLDS' 1908 MELON</b> (Chilian). Promises to be the most profitable melon for the grower and dealer as well as best for the consumer.....	.10	.15	.30	1.00	4.25
266½.	<b>LIGHT ICING.</b> Skin light green; flesh red, crisp and sweet.....	.05	.15	.25	.85	
267.	<b>★ICE CREAM or PEERLESS.</b> A standard home variety.....	.10	.15	.25	.95	4.00
268.	<b>IRISH GREY.</b> A new melon for trial. Illustrated and described above.....	.10	.15	.35	1.25	
268½.	<b>BRAZILIAN.</b> Sweet, luscious and attractive.....	.10	.15	.30	1.00	4.25
269.	<b>GIRARDEAU'S TRIUMPH.</b> Large, prolific and sweet. A good shipper.....	.05	.10	.20	.75	3.00
270.	<b>★KLECKLEY SWEETS.</b> One of the finest melons yet introduced.....	.10	.15	.20	.95	4.00
270½.	<b>KLONDIKE.</b> The sweetest melon grown—try it.....	.10	.15	.30	1.15	5.00
271.	<b>★ALABAMA SWEET.</b> A new early maturing melon.....	.05	.10	.20	.80	3.25
271½.	<b>TOM WATSON.</b> A new Watermelon of merit.....	.10	.15	.25	.95	4.00
272.	<b>BLACK DIAMOND.</b> A new melon—large and productive; a good shipper.....	.05	.10	.20	.75	3.00
272½.	<b>GOLDEN HONEY.</b> A beautiful golden-flesh melon. One of the finest in quality.....	.10	.15	.30	1.15	5.00
273.	<b>HALBERT HONEY.</b> A new melon; one of the best for the home garden.....	.10	.15	.30	1.00	4.25
274.	<b>HUNGARIAN HONEY.</b> A superb melon and one of the sweetest.....	.10	.15	.25	.95	4.00
275.	<b>PRESERVING CITRON.</b> Colorado Preserving. The most desirable.....	.05	.15	.30	1.00	4.25
276.	<b>GEORGIA RATTLESNAKE.</b> A large, oblong, dark green melon.....	.05	.15	.25	.85	3.50
276½.	<b>WINTER.</b> The Winter Watermelon. A long keeper.....	.10	.15	.40	1.50	
277.	<b>MIXED.</b> Will produce choice melons throughout the whole season.....	.05	.10	.20	.75	3.00

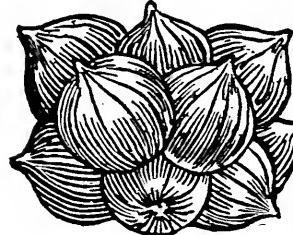
"OLDS' CATALOG TELLS THE TRUTH."

# ONION SETS

Many prefer to grow onions from sets, as they are less trouble and are ready for use earlier than those grown from seed. Our sets this year are very nice and just the right size. One pound will plant a row 50 feet long. 10 bus. will plant one acre. Bottom Sets are grown from seed and are the most used. Egyptian or Perennial may be set either in spring or fall. They come up early in spring without any protection and furnish the earliest green onions. The first dry onions of the season are grown from Yellow Potato sets. White Multipliers are fine for bunching greens. Bottom Sets and Multipliers, bu., 32 lbs., Top Sets, bu., 28 lbs. Leaflet on Onion Set culture, free on request.

## VARIETIES MOST CALLED FOR.

If larger quantities are wanted, write for special prices.



	By mail, postpaid.		By express or freight.				
	½ lb.	lb.	½ lb.	lb.	4 lbs.	8 lbs.	bu.
WHITE BOTTOM.....	\$0.20	\$0.30	\$0.15	\$0.20	\$0.65	\$1.20	\$4.50
YELLOW BOTTOM.....	.15	.25	.10	.15	.55	1.00	3.65
RED BOTTOM.....	.15	.25	.10	.15	.65	1.00	3.75
RED TOP (Improved).....	Crop Failed.						
EGYPTIAN or PERENNIAL.....	.15	.25	.10	.15	.40	.75	2.75
WHITE MULTIPLIER.....	.20	.35	.15	.25	.95	1.75	6.50
YELLOW POTATO.....	.15	.25	.10	.15	.45	.80	3.00

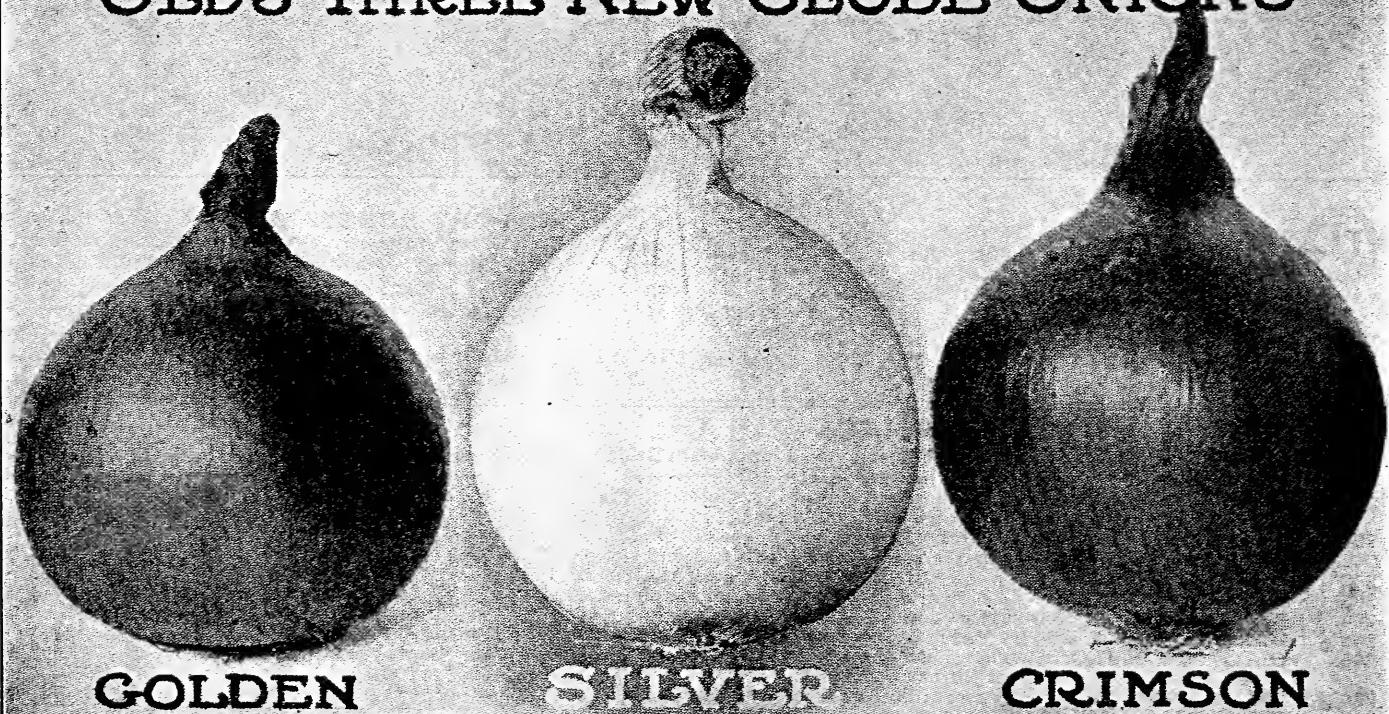
Geo. A. Benedict, Cobleskill, N. Y., writes: "I raised 4 ¼ bushels onions from the ounce Ailsa Craig onion seed purchased of you last spring. They are fine, large, mild and sweet."

E. D. Kidder, Marshall, Minn., says: "Your seeds are all right. I sold from one-half acre, \$195.00 worth of melons, besides supplying the family and having a few coaxed."

## ONION SEED

Our Onion seed has been proved by test and is all right. Packets each contain 1-6 oz. of seeds, sufficient to sow from 25 to 30 feet of drill; 4 to 5 lbs. will sow one acre. The varieties marked with a star are those we specially recommend. Order by number. ~~3~~ Three pounds or more at 5-lb. rates. Market gardeners' price list free on request for those who raise vegetables to sell. Leaflet on proper culture for onions, free on request.

## OLD'S THREE NEW GLOBE ONIONS



GOLDEN

SILVER

CRIMSON



**OLD'S THREE NEW GLOBE ONIONS.** Perfect types of Southport Globes, mostly Eastern-grown seed—see illustration above. The true Southports are most desirable onions. They are not only handsome in appearance, but are all good keepers and perfectly globe-shaped. Our Three New Globe Onions are improved strains of Southports. One packet of each 25 cents.

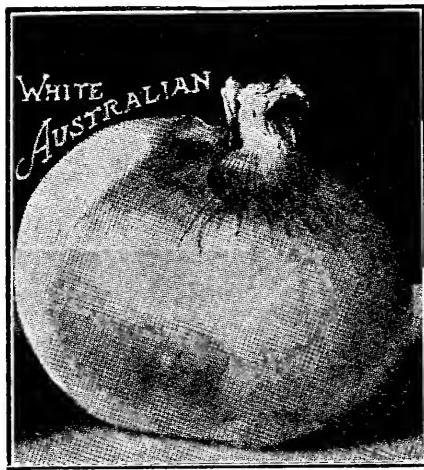
280. **OLD'S GOLDEN GLOBE.** A heavy yielder, hardy and reliable; color light golden yellow; handsome in appearance; flesh snow-white, firm, mild and juicy. Altogether a most satisfactory onion for family or market use. Pkt., 10c; 3 pkts. (½ oz.) 20c; oz., 25c; ¼ lb., 65c; lb., \$2.25.

281. **OLD'S SILVER GLOBE.** Solid and heavy; flesh pure white, close and fine grained. A very handsome onion, and for the family garden unexcelled. Pkt., 10c; 3 pkts. (½ oz.) 20c; oz., 25c; ¼ lb., 75c; lb., \$2.65.

282. **OLD'S CRIMSON GLOBE.** Skin deep purplish-red; flesh close-grained, white, mild and tender. It is hardy; a good keeper and very productive. Pkt., 10c; 3 pkts. (½ oz.) 20c; oz., 25c; ¼ lb., 60c; lb., \$2.35.

**"OLD'S CATALOG TELLS THE TRUTH."**

**289. WHITE AUSTRALIAN.** A brand new onion and a new creation. The illustration below shows the shape and average size of this new onion. It has all the solidity and keeping qualities of its parent, the Australian Brown, and is the ideal onion for the shipper. The skin is a creamy white; flesh white, crisp and mild in flavor. Pkt., 10c; 3 pkts., (1/2 oz.) 20c; oz., 25c; 1/4 lb., 75c; 1lb., \$2.45.



**285. OLD'S BEST YELLOW GLOBE DANVERS.** The Yellow Globe Danvers is a standard onion, more largely grown than any other variety. It is a large globe-shaped onion, and very productive (illustration opposite). The skin is a light golden brown; flesh pure white, crisp and mild in flavor. The entire crop ripens at one time and winters well. Ours is the best strain of Yellow Globe Danvers CALIF. GROWN SEED: Pkt., 10c; 2 pkts., 15c; oz., 20c; 1/4 lb., 55c; lb., \$2.00. Not prepaid: 5 lbs., \$8.75.

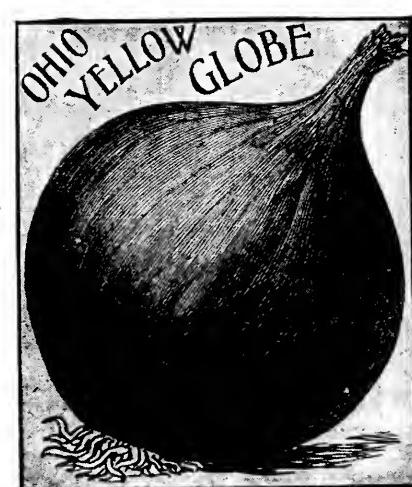
**290. SOUTHPORT YELLOW GLOBE.** Identical with the Red Globe, except in color. Our seed is the true Southport type—no better at any price. EASTERN GROWN SEED: Pkt., 10c; 2 pkts., 15c; oz., 20c; 1/4 lb., 60c; lb., \$2.15. Not postpaid: 5 lbs., \$9.50. CALIF. GROWN SEED: 5 lbs., \$9.00.

**291. SOUTHPORT LARGE RED GLOBE.** The most handsome and perfect globe-shaped onion in cultivation. The skin is a deep rich crimson, with a satin-like gloss, flesh fine-grained, mild and very tender. We offer the true Southport strain. EASTERN GROWN SEED: Pkt., 10c; 2 pkts., 15c; oz., 20c; 1/4 lb., 60c; lb., \$2.20. CALIF. GROWN SEED: Not postpaid: 5 lbs., \$9.25.

**297 1/2. GIGANTIC GIBRALTAR.** The giant Gibraltar is a large Spanish onion introduced more than 20 years ago, as the largest onion grown. It is still the largest onion we know of, single specimens having been grown to weigh almost two pounds. The skin is a light straw color; flesh white, mild and tender. Pkt., 10c; 2 pkts., 15c; oz., 25c; 1/4 lb., 80c; lb., \$2.95.

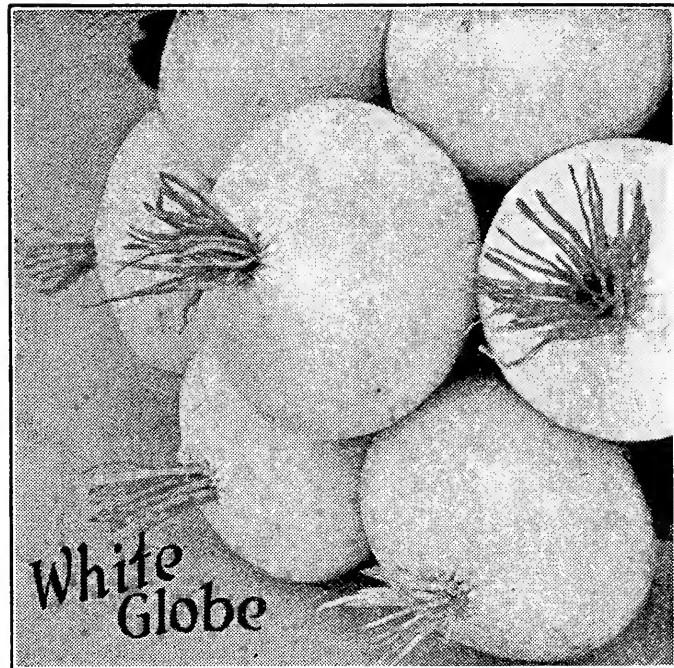
**288. AILSA CRAIG.** An onion unexcelled for form, size and weight. It is straw-colored, very productive, a good keeper and on account of its mild flavor, excellent for eating raw. When boxed in good shape, it competes successfully with the imported Spanish onion and we believe after it is better known, will become a very popular sort. Pkt., 10c; 2 pkts., 15c; oz., 25c; 1/4 lb., 75c; lb., \$2.75.

**300. OLD'S SELECT OHIO YELLOW GLOBE.** This is a bright yellow onion, with a small neck, illustrated below; ripens early and all at once. The bulbs are firm and good keepers; productive and well adapted to any good soil. Pkt., 10c; 2 pkts., 15c; oz., 20c; 1/4 lb., 50c; lb., \$1.85.



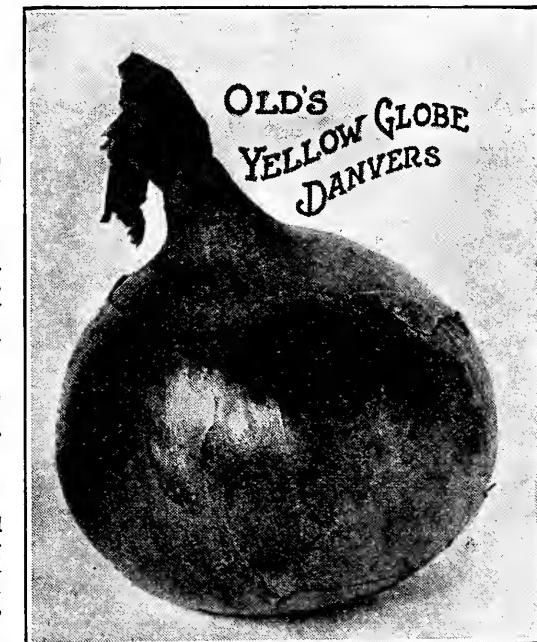
### 292. WHITE GLOBE.

Beautiful and symmetrical, with clear pure white skin — see illustration. The flesh is firm and fine-grained. The Southport White Globe is a good keeper and a good market onion. EASTERN GROWN SEED: Pkt., 10c; 3 pkts., (1/2 oz.) 20c.; oz., 25c; 1/4 lb., 70c; 1lb., \$2.50, CALIFORNIA G R O W N SEED; 1/4 lb., 60c; lb., \$2.25.

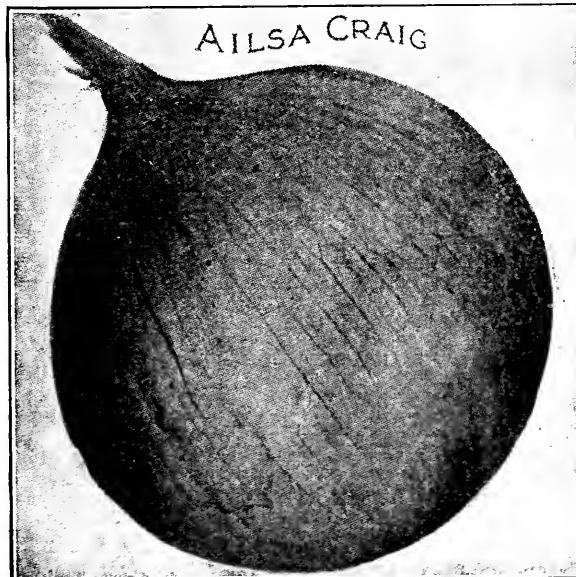


White  
Globe

OLD'S  
YELLOW GLOBE  
DANVERS



AILSA CRAIG

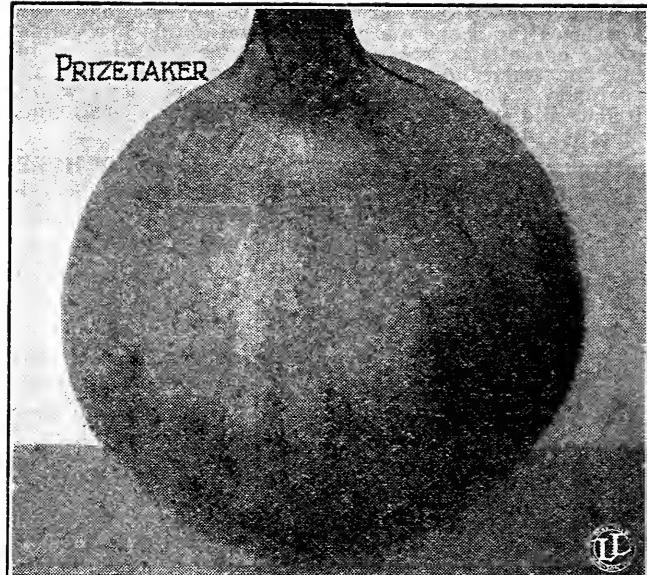
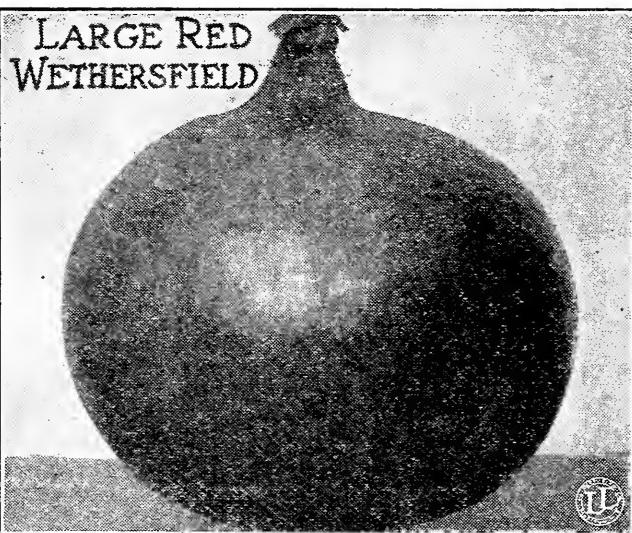


**301. MICHIGAN YELLOW GLOBE.** This variety is a selection from the Yellow Globe Danvers, and is a perfect globe-shaped onion; a little darker in color than Danvers; a heavy cropper and a first-class keeper. Pkt., 10c; 2 pkts., 15c; oz., 20c; 1/4 lb., 50c; lb., \$1.75. Not postpaid: 3 lbs. or more, \$1.50 per lb.

We state under the heading of each vegetable the quantity of seed each packet contains and how much ground it will plant, also how much seed it requires to plant an acre.

CULTURAL DIRECTIONS printed on every packet, and ounce package.

Full and complete list of onions next page.



**287. OLDS' EXTRA LARGE RED WETHERSFIELD.** The standard red onion. The skin is deep purplish red, flesh purplish white; fine-grained and better flavored than any other sort. It is in every respect a perfect red. Our strain of Large Red Wethersfield is the best that can be secured by most careful selection and cultivation. Pkt., 10c; 2 pkts., 15c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$1.95. Not postpaid: 5 lbs., \$8.50.

**295. OLDS' LONGKEEPER.** A sure cropper and the best keeper. A globe-shaped onion, very quick to grow and sure to make a crop. The onions are uniformly thin-necked, with flesh pure white, solid, crisp, sweet and mild in flavor. Pkt., 10c; 2 pkts., 15c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.25.

**297. OLDS' PRIZE-TAKER.** A large, handsome, yellow onion. An excellent keeper, fine flavor; good shape and very productive. Our seed is American grown. Pkt., 10c; 2 pkts., 15c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.15. Not postpaid: 3 lbs. or more, \$1.90 per lb.



### BERMUDA ONIONS.

Bermuda Onions are becoming more popular every year and strictly first class seed was in greater demand last year than ever before. Our seed is direct from Teneriffe, Canary Islands.

**283. CRYSTAL WAX.** The most attractive and the most profitable variety. It is large, pure white, very early, mild in flavor, in fact can be eaten out of the hand like an apple. It can be grown under northern conditions and is very fine for slicing. Pkt., 10c; 2 pkts., 15c; oz., 25c;  $\frac{1}{4}$  lb., 85c; lb., \$3.00.

**284. YELLOW BERMUDA.** The standard variety; identical with Crystal Wax except that the color is pale yellow. Pkt., 10c; 2 pkts., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.75.

**284½. RED BERMUDA.** The largest variety. Price, same as for Yellow Bermuda. One packet each of the above Red, White and Yellow, for 25 cents.

### ONION. Full List.

Olds' Seeds are essential to success in every garden. Half-pounds at pound rates.

	By parcel post.				
	pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs.
280. OLDS' GOLDEN GLOBE. A most satisfactory onion for family use.....	\$0.10	\$0.25	\$0.65	\$2.25	
281. OLDS' SILVER GLOBE. One of the most handsome onions grown.....	.10	.25	.75	2.65	
282. OLDS' CRIMSON GLOBE. Hardy; a good keeper and a big yielder.....	.10	.25	.60	2.35	
283. CRYSTAL WAX. The most attractive and the most profitable Bermuda Onion.....	.10	.25	.85	3.00	
284. YELLOW BERMUDA. The standard variety; pale yellow in color.....	.10	.25	.75	2.75	
284½. RED BERMUDA. The largest variety.....	.10	.25	.70	2.50	11.75
285. ★OLDS' YELLOW GLOBE DANVERS. The standard Yellow Globe.....	.10	.20	.55	2.00	9.25
286. EXTRA EARLY RED. (Flat.) Very desirable for extra early.....	.10	.20	.50	1.90	8.75
287. OLDS' EXTRA LARGE RED WETHERSFIELD. The best strain.....	.10	.20	.55	1.95	9.00
288. AILSA CRAIG. A most excellent shaped onion.....	.10	.25	.75	2.75	
289. WHITE AUSTRALIAN. Better than Australian Brown.....	.10	.25	.75	2.45	11.50
290. SOUTHPORT YELLOW GLOBE. A heavy yielder.....	.10	.20	.60	2.15	10.00
291. ★SOUTHPORT LARGE RED GLOBE. The most perfect globe-shaped onion.....	.10	.20	.60	2.20	10.25
292. SOUTHPORT WHITE GLOBE. A good keeper and a splendid onion.....	.10	.25	.70	2.50	11.75
293. WHITE PORTUGAL or Silver Skin. A favorite white onion; very mild.....	.10	.20	.60	2.25	10.50
294. YELLOW DANVERS FLAT. Largely grown for market and for sets.....	.10	.20	.50	1.75	8.00
295. OLDS' LONGKEEPER. Early, a sure cropper, and a good keeper.....	.10	.20	.60	2.25	10.50
296. MAMMOTH SILVER KING. Handsome, sweet, tender and mild.....	.10	.25	.80	2.95	14.00
297. ★PRIZE-TAKER. The genuine. Large and handsome.....	.10	.20	.60	2.15	10.00
297½. GIGANTIC GIBRALTAR. The largest mild-flavored onion we know of.....	.10	.25	.80	3.95	14.00
299. AUSTRALIAN BROWN. Extra early and a sure cropper.....	.10	.20	.50	1.75	8.00
299½. YELLOW STRASBURG. The variety most used for sets.....	.10	.15	.45	1.70	7.75
300. OLDS' SELECT OHIO YELLOW GLOBE. See page 65.....	.10	.20	.50	1.85	8.50
301. MICHIGAN YELLOW GLOBE. A heavy cropper.....	.10	.10	.50	1.75	8.00
303. ★OLDS' EARLY WHITE QUEEN. The best for small pickles .....	.10	.30	1.05	3.65	17.50
303½. WHITE WELSH. Most suitable for green onions.....	.10	.25	.85	3.00	

**304. MIXED ONION SEED.** Just the thing for those not particular as to variety. This is good seed and will produce red, yellow and white onions. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.65; 5 lbs., \$7.50.

# EGG PLANT

Egg plants are easily cultivated, but should not be transplanted until the weather is assured. Our packets each contain seed sufficient to produce from 100 to 150 plants.  $\frac{1}{4}$  lb. will furnish plants enough to set one acre. We can also furnish Black Beauty, transplanted egg plants in season. Doz., 40c; 50 for \$1.25. Not postpaid: 50 for \$1.15.

180. **NEW YORK IMPROVED.** Very large, smooth and spineless. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 55c;  $\frac{1}{4}$  lb., \$2.00.

181. **\*BLACK BEAUTY.** The best early market variety. Also the best for home use. It is fully ten days earlier than the New York Improved, very attractive in appearance and entirely spineless. The fruits set freely and develop quickly. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{2}$  oz., 20c; oz., 50c;  $\frac{1}{4}$  lb., \$1.85.

183. **FLORIDA HIGH BUSH.** A new variety of medium size; see illustration. It resists drought and the fruits are held well off the ground on strong upright plants. Is very productive, a good shipper and not as liable to rot as the low bush varieties. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75.



High Bush Egg Plant. Pkt., 10c.

## ENDIVE.

Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., 95c.

- 185. **GREEN CURLED.** Dark green leaves; blanches white.
- 186. **WHITE CURLED.** Leaves finely cut and almost white.
- 187. **BROAD-LEAVED BATAVIAN.** Leaves broad and thick.

## USEFUL GOURDS.

Pkt., 10c; 2 pkts., 15c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$2.00.

- 190. **JAPANESE NEST-EGG.** These resemble hens' eggs in color, form and size; they make the very best nest eggs.
- 191. **SUGAR TROUGH.** Useful for many household purposes.
- 192. **THE DIPPER.** Long fruits, straight or slightly crooked.
- 193. **HERCULES CLUB.** Ornamental as well as useful.
- 194. **ORANGE.** The size and shape of an orange.
- 195. **PEAR-SHAPED.** Striped yellow and green.
- 196. **APPLE-SHAPED.** Beautifully striped.
- 199. **MIXED.** All the above and other varieties mixed.

## KALE OR BORECOLE.

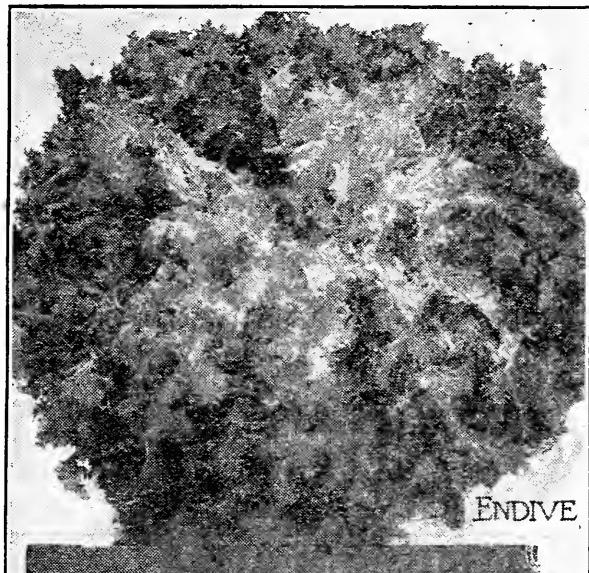
Pkt., 10c; 2 pkts., 15c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.25.

- 200. **DWARF GERMAN.** Very hardy, with dark green leaves; much improved by frost.
- 201. **DWARF CURLED SCOTCH.** Dwarf, beautifully curled, bright green and very hardy.

## KOHL RABI. TURNIP CABBAGE.

Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.65.

- 205. **EARLY WHITE VIENNA.** Probably the best early variety.
- 206. **PURPLE VIENNA.** A popular variety for table use.



ENDIVE

## MUSTARD.

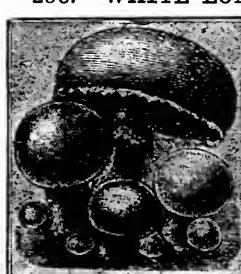
Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c.

- 255. **BLACK OR BROWN.** More pungent than white.
- 256. **NEW WHITE CHINESE.** Large tender leaves.
- 257. **NEW MONSTROUS.** A new thick-leaved variety.
- 258. **WHITE LONDON.** Fine for salads and garnishing.

## MUSHROOM.

Pure Culture Spawn.

Repeated trials have demonstrated that the Pure Culture Spawn is far superior to spawn that is imported; and when once used no other is wanted. It costs more than the imported, but the results show it is by far the cheaper. A brick weighs 1 1/3 lbs. Cultural directions free with every order. One brick, 45c; 3 bricks (4 lbs.) \$1.15. Not prepaid: 1 brick, 35c; 3 bricks, 80c.



A 35 cent, 43 page illustrated book on Mushroom Culture and Pure Culture Spawn, for 35c, postpaid, or free (on request) with an order for 6 bricks, or more.

## OKRA.

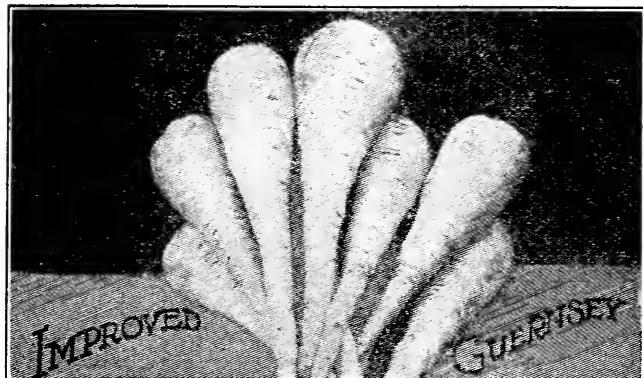
278. **WHITE VELVET.** Very productive and superior in flavor to any other variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c.

## LEEK.

Leeks are valuable for soups and salads; they may also be sliced and cooked like green peas.

- 210. **AMERICAN FLAG.** A strong-growing variety; large, thick stems; sweet and delicious, when properly cooked. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.75.

# PARSNIP



While highly appreciated for table use the great value of the parsnip is for stock feeding. The roots are very rich in saccharine food. Packets each contain seed sufficient to sow a row 25 feet long; 5 lbs. will seed one acre.

	By parcel post.			
	pkt.	oz.	1/4 lb.	lb.
310. ★IMPROVED GUERNSEY.	\$0.10	\$0.15	\$0.25	\$0.95
The best variety: roots smooth and easily harvested.	.05	.10	.25	.85
311. HOLLOW CROWN.				
The old standard variety.				
312. EARLY SHORT ROUND.				
Early and well adapted to any soil.	.05	.15	.25	.90

310. ★IMPROVED GUERNSEY PARSNIP. An improved strain and one that has given general satisfaction. See illustration opposite. Pkt., 10c; oz., 15c; 1/4 lb., 25c.

Orders to go by mail are filled the same day as received.



305. CHAMPION MOSS CURLED. Beautifully useful for salads and garnishing. Pkt., 10c; oz., 15c; 1/4 lb., 30c; 1lb., \$1.00.

# PARSLEY

One packet contains seed enough to sow a row 40 feet long; 3 lbs. will seed one acre. We also can furnish Moss Curled Parsley Plants in season. Doz., 25c; 50 for 85c. Not postpaid: 50 for 80c.

308. OLD'S DWARF PERFECTION. A very attractive plant; bright, pea-green, moss curled leaves, of excellent flavor. Pkt., 5c; oz., 15c; 1/4 lb., 30c; 1lb., \$1.15.

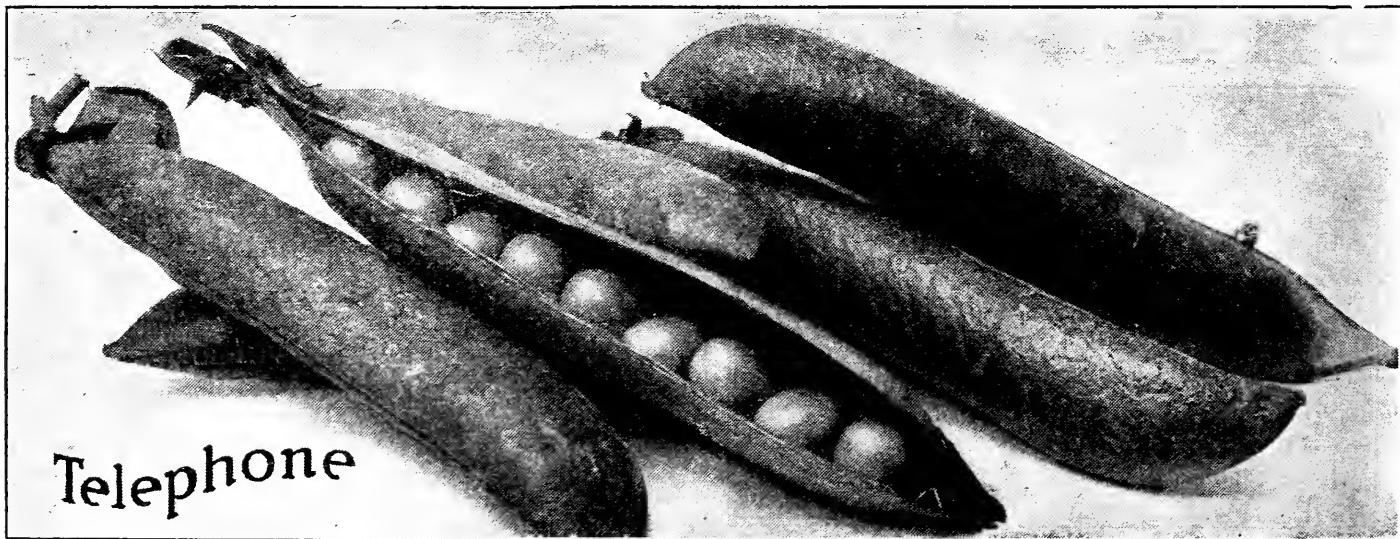
309. HAMBURG (TURNIP ROOTED.) A turnip-rooted variety; resembling a small parsnip—rich and distinctive in flavor. The roots may be stored for winter use. Pkt., 10c; oz., 15c; 1/4 lb., 35c; 1lb., \$1.25.

curls and crumpled leaves—just right for seasoning; also 1lb., 30c; 1lb., \$1.00.

# PEAS

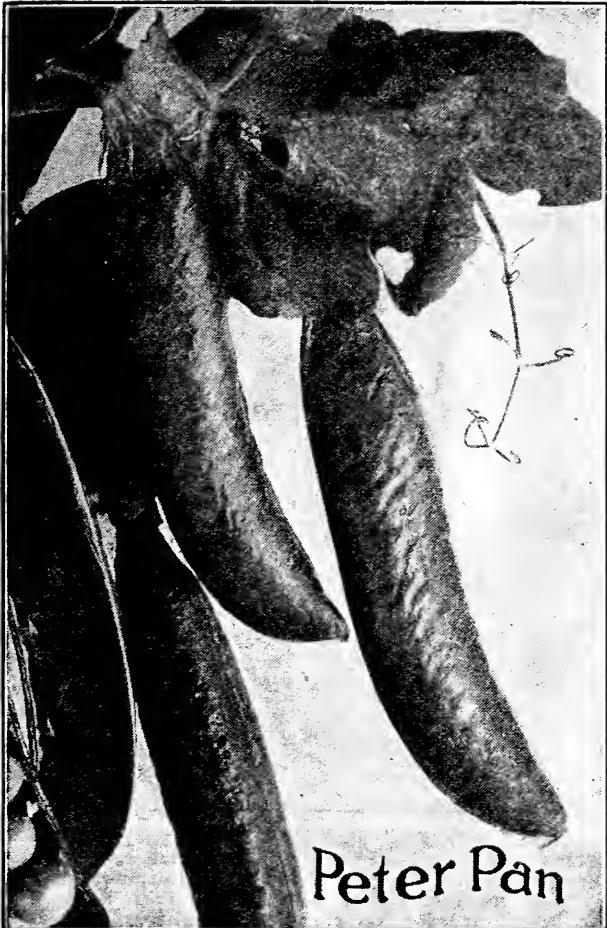
Our peas are grown in the north, are carefully rogued and hand-picked. Packets contain full 2 ounces and will plant from 10 to 15 feet of drill; one pound will plant 75 feet; 90 to 120 lbs. an acre. Those marked thus (\*) are wrinkled varieties, and those marked with a star are the varieties we particularly recommend. Leaflet on How to Grow Peas, free on request.

320½. ★OLD'S BEST EXTRA EARLY. The best strain of Extra Early Peas and the result of very careful selection. They are as early as Alaska and average 20 inches in height. The pods are well filled and the crop can be gathered in one picking. Old's Extra Early is the market gardeners' pea and a general favorite. Also fine for the home garden as it is hardy and can be planted earlier than the wrinkled sorts. Pkt., 10c; 2 pkts. (1/4 lb.) 15c; 1lb., 30c; 2 lbs., 55c.



322. TELEPHONE.\* The leading market gardeners' variety. The vines are tall and vigorous, producing an abundance of large well filled pods—see illustration above. It comes into use soon after Premium Gem. Also one of the best sorts for the home garden. Pkt., 10c; 2 pkts. (1/4 lb.) 15c; 1lb., 40c; 2 lbs. 70c.

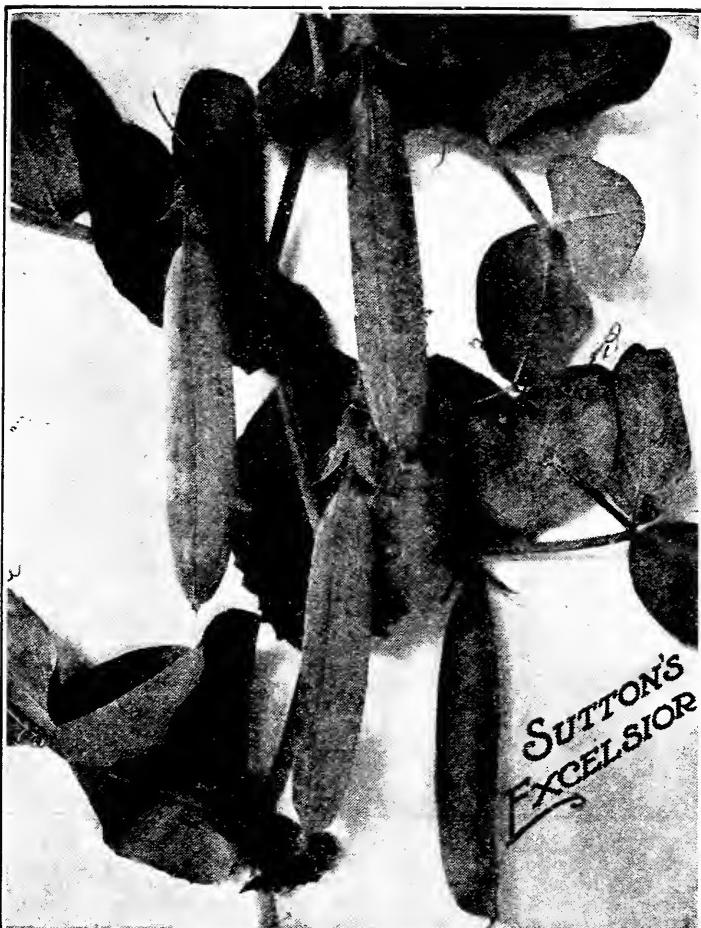
If you have anything new that is good write about it. Full and complete list of Peas—page 71.



Peter Pan



321½. **PETER PAN.**\* The most productive early dwarf variety. The plants (covered with pods) are robust in habit and grow about 18 inches in height. Price for 1920: Pkt., 10c; 2 pkts., (¼ lb.) 15c; lb., 45c; 2 lbs., 80c.



323½. **SUTTON'S EXCELSIOR.**\* A new large-podded dwarf variety. The plants grow 14 inches high and are very productive; maturing nearly as early as Nott's Excelsior. Pkt., 10c; 2 pkts. (¼ lb.) 15c; lb., 40c; 2 lbs., 70c.



ALDERMAN

333½. **ALDERMAN.**\* A new mid-season variety, something like the Telephone only better. The vine is a vigorous grower; producing well-filled, dark green pods in abundance—see illustration. The peas are fine flavored and most excellent in quality. We recommend this variety as well adapted to the home garden. Pkt., 10c; 2 pkts. (¼ lb.) 15c; lb., 35c; 2 lbs., 65c.



LITTLE MARVEL

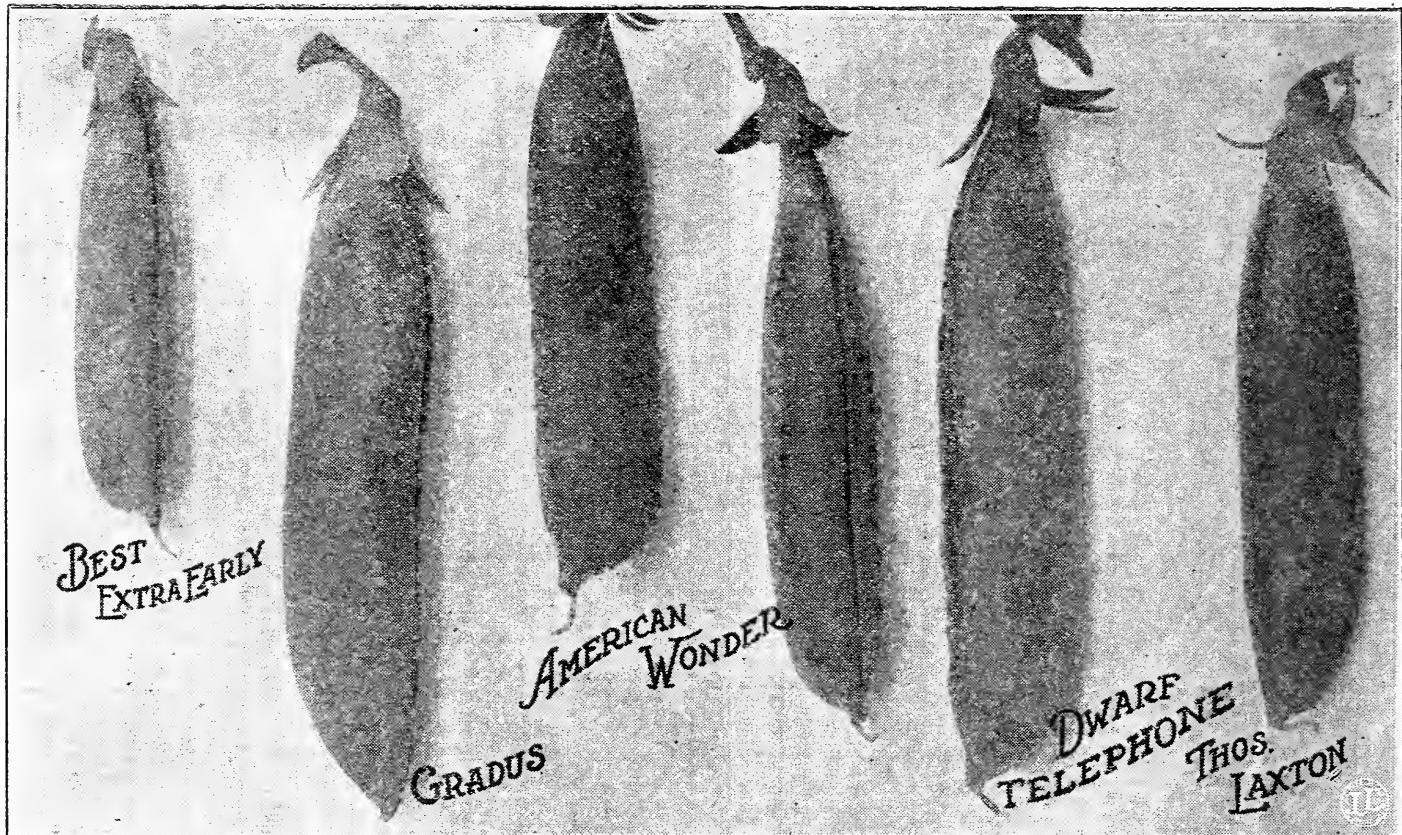
339. **LITTLE MARVEL.**\* A new English market variety. It is early, dwarf and a great improvement over Nott's Excelsior and American Wonder. It produces dark green pods, well filled with delicious peas. The vines are very productive and the pods are usually borne in pairs. Pkt., 10c; 2 pkts., (¼ lb.) 15c; lb., 40c; 2 lbs., 70c.

320. **SURPRISE.**\* A new pea well named—the earliest of all wrinkled peas. The pods are good-sized and well filled. The peas very tender and sweet, retaining their fine flavor even when fully developed. This new pea is a cross of Alaska and American Wonder. It possesses the quality of the latter. The vines grow 24 inches high, but need no support. Pkt., 10c; lb., 35c; 2 lbs., 65c.

326½\*. **PIONEER.**\* A recent introduction and one destined to become very popular. The plants are robust in habit and carry a heavy crop of long pointed dark green pods. Pkt., 10c; 2 pkts., (¼ lbs.) 15c; lb., 40c; 2 lbs., 75c.

We have discontinued selling Peas by the pint, quart, peck, bushel or fraction thereof. You will find selling by the pound more accurate, fairer and more sensible than by the old method of pint, peck and bushel.

We aim to please and to fill all orders carefully. If seeds are not satisfactory, when received, write us about it at once. We will either refill the order, or return the money paid for same.



324. ★**GRADUS.**\* Also called "Prosperity." The earliest large-podded pea in cultivation; vines from 3 to 3½ feet high; pods large and well filled with very large peas. The peas remain tender a long time, and the vines continue bearing for some time after the first picking. We consider this pea one of the best for the home garden. Our prices this year are very reasonable for Gradus. Pkt., 10c; 2 pkts. (¼ lb.) 15c; lb., 40c; 2 lbs., 75c.

330. **AMERICAN WONDER.**\* A very fine extra early dwarf variety; height, one foot. It is quite productive and well suited for the private garden. The flavor and quality are excellent. Pkt., 10c; lb., 35c; 2 lbs., 65c.

### THREE SPLENDID PEAS FOR SUCCESSION.

One pkt. each, 25c; one lb. each, 95c; 2 lbs. of each \$1.85, postpaid. By express or freight, not prepaid: 2 lbs., of each \$1.50; 7½ lbs., of each \$6.00.

325. ★**NOTT'S EXCELSIOR.**\* The most popular early dwarf pea in cultivation. Pods well filled (see illustration). Peas very tender and sweet. In earliness it equals American Wonder; in height, about 15 inches; in quality, equal to Little Gem, and as a cropper it excels both. Pkt., 10c; 2 pkts. (¼ lb.) 15c; lb., 35c; 2 lbs., 65c.

321. **THE HEROINE.**\* Our best second early. It bears profusely and produces large, well filled pods. It is a fine pea for the most critical market gardener and we predict it will become a general favorite. Pkt., 10c; 2 pkts. (¼ lb.) 15c; lb., 35c; 2 lbs., 65c.

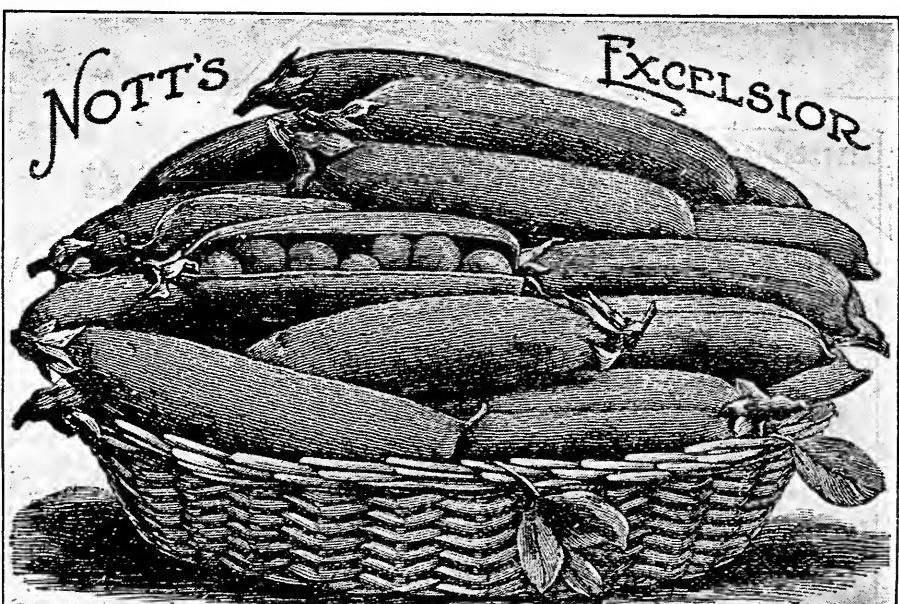
326. **IMPROVED STRATAGEM.**\* The best of all the large-podded late peas; pods of immense size, well filled with large, dark green peas of the finest quality; one of the very finest for a later second early. Pkt., 10c; 2 pkts. (¼ lb.) 15c; lb., 40c; 2 lbs., 70c.

**SEND YOUR SEED ORDERS IN JANUARY OR FEBRUARY IF POSSIBLE.** There is a shortage of some varieties of peas and the demand for good seed will be greater than ever before.

No vegetables bought from the stores, are ever quite like those gathered from the garden. The rich sweet flavor and fragrant aroma from freshly gathered vegetables when cooked, sharpens the appetite.

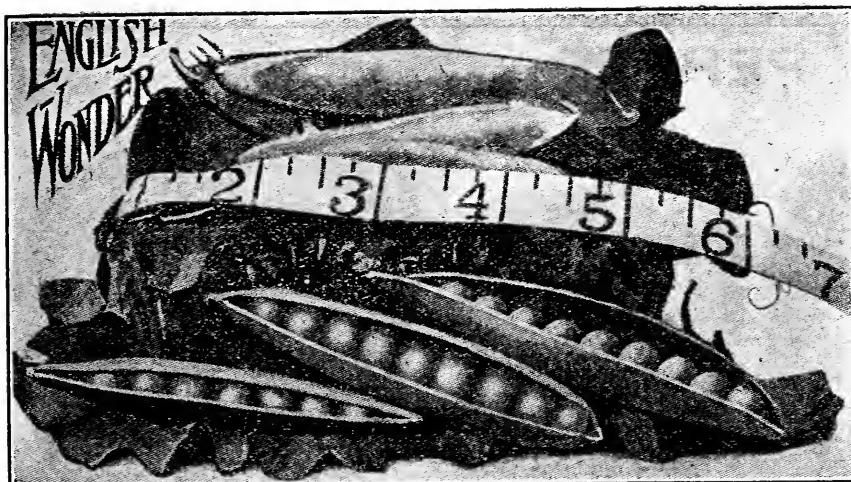
335. ★**OLDS' DWARF TELEPHONE.**\* The most prolific dwarf pea; producing large, handsome pods like the Telephone, but without the tall vines. It is medium early, very productive; pods well filled with pale green peas of the best quality. Pkt., 10c; 2 pkts., (¼ lb.) 15c; lb., 40c; 2 lbs., 75c.

334. **THOMAS LAXTON.**\* A new variety and one of the best yet introduced. A cross of the Gradus and Earliest of All, and between the two in season; vines from 3 to 3½ feet high; pods large and well filled; peas dark green, sweet and fine-flavored. Pkt., 10c; 2 pkts., (¼ lb.) 15c; lb., 40c; 2 lbs., 70c.



**WE PAY POSTAGE.** All seeds, plants, roots and bulbs quoted in this catalog, from pages 34 to 101 inclusive, will be delivered free at your post office or home, except when otherwise stated.

If you buy peas by the pint you get 15 ounces. Buy by the pound and get full 16 ounces.

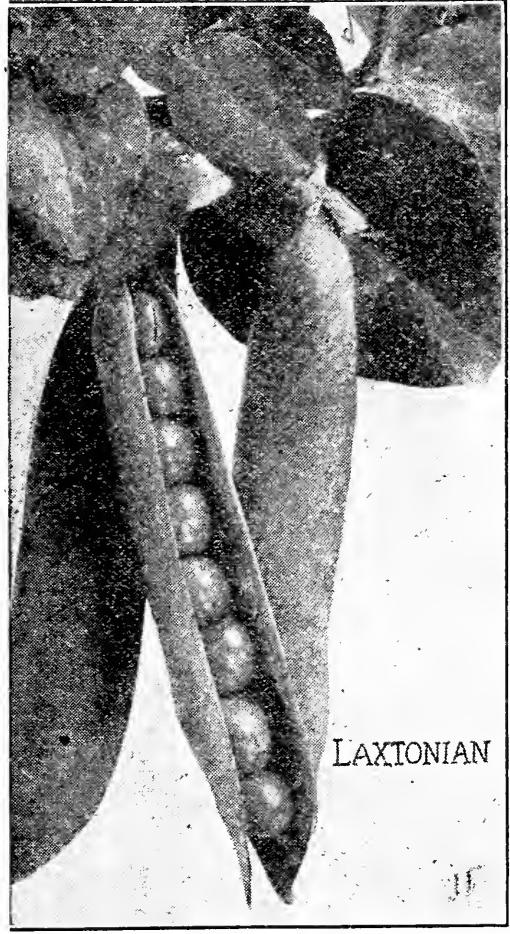


333. ★**ENGLISH WONDER.**\* The sweetest pea we know of. This is a new dwarf second early variety. The pods are produced in abundance and are well filled with large, dark green peas (see illustration). It is a sure cropper. Vines grow about 18 inches high. We highly recommend this new pea, and none of our customers who try it will regret it. Pkt., 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; 1 lb., 40c; 2 lbs., 70c.

327. **CHAMPION OF ENGLAND.**\* One of the richest, best flavored late peas grown. The Champion of England has long been a recognized standard variety for quality, good sized pods well filled with peas of fine flavor. Vines 5 feet high, vigorous and productive. Pkt., 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; 1 lb., 35c; 2 lbs., 65c.

324½. **LAXTONIAN.**\* The largest podded, early dwarf pea. Requires no supports of any kind. The vines are very productive and produce pods similar in shape to the Gradus, which are filled with large, luscious, light green peas. Pkt., 10c; 2 pkts., ( $\frac{1}{4}$  lb.) 15c; 1 lb., 40c; 2 lbs., 75c.

**ORDER PEAS** as early as possible, before we are sold out.



LAXTONIAN

#### PEAS. Full List.

30 lbs., at 60 lb. rates. 7 lbs., one half pk.; 14 lbs., one pk., 56 lbs., one bu., except where noted.

	By parcel post.			By express or freight.			
	pkt.	lb.	2 lbs.	2 lbs.	7½ lbs.	15 lbs.	60 lbs.
320. ★ <b>SURPRISE.</b> * The earliest of all wrinkled peas. Pods good size and well filled. Peas very tender and sweet.....	\$0.10	\$0.35	\$0.65	\$0.55	\$2.00	\$3.95	\$15.75
320½. ★ <b>OLDS' BEST EXTRA EARLY.</b> The best strain. Bu. 60 lbs.....	.10	.30	.55	.45	1.75	3.40	13.50
321. <b>THE HEROINE.</b> * Our best second early.....	.10	.35	.65	.55	2.00	3.90	15.50
321½. <b>PETER PAN.</b> * The leading dwarf early pea.....	.10	.45	.80	.70	2.65	5.20	20.75
322. <b>TELEPHONE.</b> * Most popular late variety.....	.10	.40	.70	.60	2.30	4.55	18.00
323. <b>ALASKA.</b> The earliest of all blue peas. Very productive. Bu. 60 lbs.....	.10	.30	.55	.45	1.60	3.15	12.50
323½. <b>SUTTON'S EXCELSIOR.</b> * A new dwarf variety.....	.10	.40	.70	.60	2.25	4.45	17.75
324. ★ <b>GRADUS.</b> * The earliest large-podded pea in cultivation.....	.10	.40	.75	.65	2.45	4.80	19.00
324½. <b>LAXTONIAN.</b> * The new dwarf Gradus.....	.10	.40	.75	.65	2.50	4.95	19.75
325. ★ <b>NOTT'S EXCELSIOR.</b> * The best early dwarf pea.....	.10	.35	.65	.55	2.10	4.15	16.50
326. <b>IMPROVED STRATEGEM.</b> * The best late large-podded pea.....	.10	.40	.70	.60	2.20	4.35	17.25
326½. <b>PIONEER.</b> * A very popular recent introduction.....	.10	.40	.75	.65	2.50	4.90	19.75
327. <b>CHAMPION OF ENGLAND.</b> * One of the best peas grown.....	.10	.35	.65	.55	2.00	3.90	15.50
328. <b>MCLEAN'S ADVANCER.</b> * A market gardener's favorite.....	.10	.30	.55	.45	1.75	3.45	13.75
329. <b>LITTLE GEM.</b> * Height, 16 to 18 inches; very prolific; excellent flavor.....	.10	.35	.60	.50	1.95	3.85	15.25
330. <b>AMERICAN WONDER.</b> * Dwarfest of all varieties.....	.10	.35	.65	.55	2.15	4.20	16.75
332. <b>BLISS' EVERBEARING.</b> * Very popular. Season medium to late.....	.10	.35	.60	.50	1.85	3.60	14.25
333. ★ <b>ENGLISH WONDER.</b> * The sweetest pea we know of.....	.10	.40	.70	.60	2.25	4.40	17.50
333½. <b>ALDERMAN.</b> * A midseason variety; well adapted to the home-garden.....	.10	.35	.65	.55	2.15	4.20	16.75
334. <b>THOMAS LAXTON.</b> * One of the best yet introduced.....	.10	.40	.70	.60	2.20	4.30	17.00
335. ★ <b>OLDS' DWARF TELEPHONE.</b> * Most prolific dwarf pea.....	.10	.40	.75	.65	2.50	4.90	19.50
339. <b>LITTLE MARVEL.</b> * Described on Page 69.....	.10	.40	.70	.60	2.30	4.55	18.00
341. <b>MAMMOTH LUSCIOUS SUGAR.</b> The perfect sugar pea. Bu. 60 lbs.....	.10	.45	.80	.70	2.60	5.10	20.25
345. <b>WHITE MARROWFAT.</b> An old favorite market pea. Bu. 60 lbs.....	.10	.30	.55	.45	1.50	2.90	11.50

Prices named above are for 7½ lbs., 15 lbs., and 60 lbs., of all varieties, regardless of weight per bushel.

**FOR GARDEN PEAS AND BEANS—SWEET PEAS.** Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans and peas you will always use it. It pays for itself ten times over. It is not an expense, but a necessary investment for the best results. It will increase the Sweet Pea flowering, besides giving larger and more beautiful blossoms. Price Garden Size, 35c Postpaid.

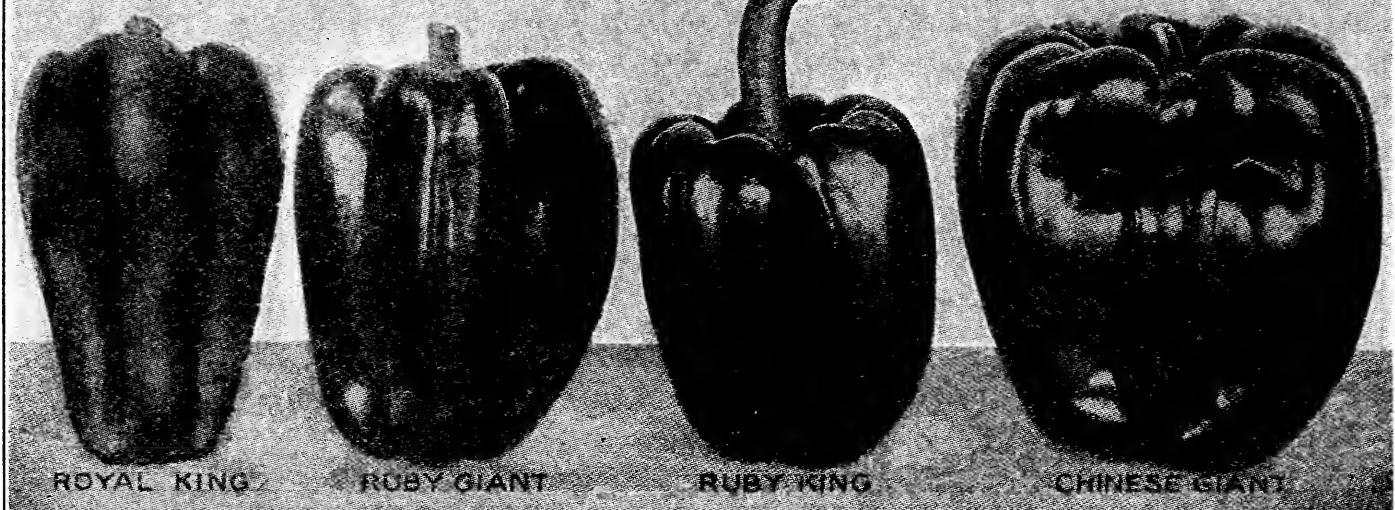
**NITRAGIN**

#### "OLDS' CATALOG TELLS THE TRUTH."

P. C. Groen, Danville, Ill., April 2, 1920, writes: "Received my seeds in good shape and sure am well pleased with them. Will give you another order soon."

Fred Eisele, Fennimore, Wis., March 9, 1920, says: "Have used your garden seeds for three years and like them fine. I believe every seed grows."

# PEPPERS



Each packet contains seed sufficient to produce over 150 plants;  $\frac{1}{2}$  lb. of seed is enough for one acre. Order by number. One pound of any variety at three and three-fourths times the price of  $\frac{1}{4}$  lb. We can also furnish transplanted PEPPER PLANTS, in season. Crimson Giant, early and mild. Golden Queen, the best yellow. Hot varieties mixed sorts. Doz., 30c; 50 for \$1.00. Not postpaid: 50 for 90c.

No.	Description	Mail, postpaid			
		pkt.	$\frac{1}{2}$ oz.	oz.	$\frac{1}{4}$ lb.
350.	★RUBY KING. A very popular red pepper; mild and sweet.....	\$0.10	\$0.25	\$0.45	\$1.65
351.	BELL OR BULL NOSE. The best known red pepper; early and prolific.....	.10	.25	.40	1.35
351½.	RUBY GIANT. A large, fine shaped pepper. A cross of Ruby King and Chinese Giant; flesh mild and sweet; hardy and productive.....	.10	.25	.45	1.65
352.	GOLDEN QUEEN. Bright golden yellow; productive, mild and sweet.....	.10	.25	.45	1.65
352½.	CRIMSON GIANT. A new early pepper; large, early, red, sweet and mild.....	.10	.35	.60	2.25
353.	SWEET MOUNTAIN. A strong grower; large, productive and sweet.....	.10	.25	.40	1.40
354.	CHINESE GIANT. A very desirable variety, of recent introduction.....	.10	.30	.50	1.75
354½.	ROYAL KING. A new pepper; thick meated, mild and sweet; a heavy bearer and a good shipper. The type is fixed and the peppers are all of uniform size.....	.10	.25	.45	1.70
355.	★OLDS' EARLY NEAPOLITAN. Bright red peppers, produced in abundance.....	.10	.25	.40	1.40
355½.	RED CHILI. Very small, bright red, cone shaped and one of the hottest.....	.10	.25	.40	1.40
356.	LONG RED CAYENNE. A standard household variety—hot and pungent.....	.10	.25	.40	1.40
356½.	PIMENTO PEPPER. A new picnic pepper—not affected by early frost.....	.10	.20	.35	1.25
357.	RED CLUSTER. Small, thin red pods borne upright in clusters.....	.10	.25	.40	1.50
357½.	OLDS' RED HOT. (Tobasco.) Small, with a very hot flavor, much used as a sauce for soups, oysters, etc. The peppers are borne in great profusion.....	.10	.30	.50	1.75
358.	MIXED PEPPERS. The above varieties mixed.....	.05	.20	.35	1.10
359.	NEW TOMATO PEPPER. In shape and general appearance resembles a tomato.....	.10	.30	.50	1.75
					6.50

# PUMPKIN

Our seed has all been saved from pumpkins grown for seed purposes. Each packet contains  $\frac{1}{4}$  oz. of seed, sufficient to plant from 6 to 8 hills; 3 to 4 lbs. will plant one acre alone; one pound, an acre with corn.

362. ★LARGE CONNECTICUT YELLOW FIELD. (Yankee Cow Pumpkin). The standard field pumpkin. No farmer should fail to plant some every year with corn; a sure cropper, a good keeper, and very prolific—the best for stock, also good for pies. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 95c. Not postpaid: 2 lbs. or more, 70c per lb.

361. ★QUAKER PIE. A distinct variety, very prolific. The pumpkins are nearly round in shape; creamy white inside and out when ripe; fine grained and rich in flavor; good keepers and among the very best for pies. We do not usually have enough seed of this variety to go around. Order early. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75. Not postpaid: 2 lbs. or more, \$1.50 per lb.

366. JAPANESE PIE. A new pumpkin of Japanese origin; flesh very thick, fine-grained, dry and sweet; productive and desirable for cooking. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75. Not postpaid: 2 lbs. or more, \$1.50 per lb.

360. ★KING OF MAMMOTHS. Has been grown to weigh 200 lbs.—surpassing any other variety for size. The flesh and skin are both bright yellow and of excellent quality. The Mammoth is one of the best pie pumpkins grown, also a splendid keeper and valuable for feeding purposes. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50. Not postpaid: 2 lbs. or more, \$1.25 per lb.

369. GOLDEN OBLONG. A fine variety, oblong in shape. Golden orange skin, thin but tough. Rich yellow flesh, very sweet, dry and excellent for pies. A good keeper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.15.

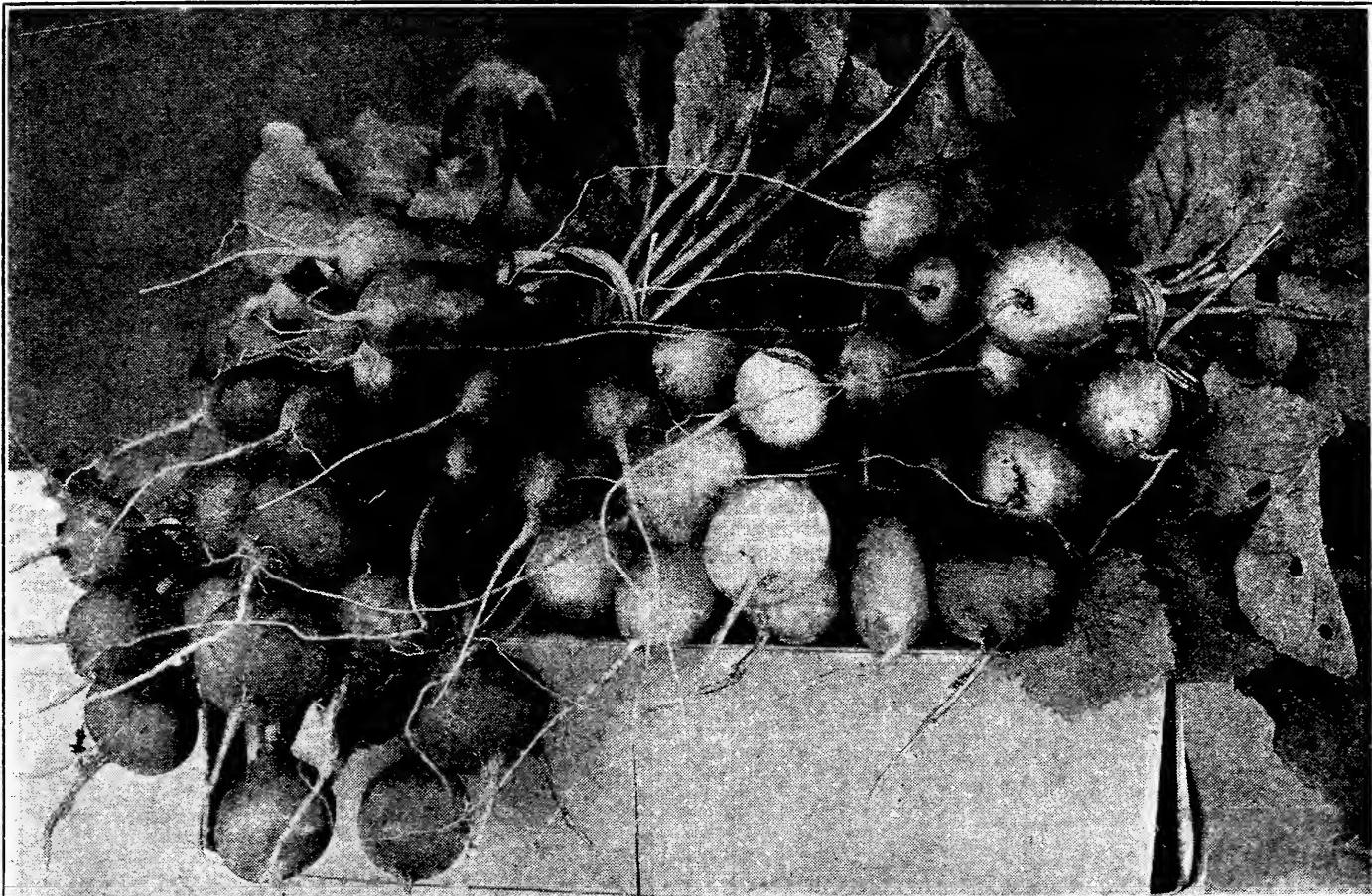
## FULL LIST.

Half-pounds at pound rates. Three pounds or more at five pound rates.

No.	Description	By parcel post.				
		pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs.
360.	★KING OF MAMMOTHS. The largest and one of the best pie pumpkins grown, a good keeper and valuable also for feeding.....	\$0.05	\$0.15	\$0.40	\$1.50	\$6.75
361.	★QUAKER PIE. A very prolific variety, and one of the best for pies.....	.10	.20	.50	1.75	8.00
362.	★LARGE CONNECTICUT YELLOW FIELD. The standard field pumpkin; a sure cropper and a good keeper. Not postpaid: 5 lbs., \$3.50.....	.05	.15	.25	.95	4.00
363.	SMALL SUGAR. The noted New England Pie Pumpkin; very sweet.....	.05	.15	.25	.90	3.75
364.	WINTER LUXURY. A new variety, pronounced by many the best pie pumpkin.....	.05	.15	.30	1.15	5.00
366.	JAPANESE PIE. A new pumpkin, of Japanese origin; dry and sweet.....	.10	.20	.50	1.75	8.00
368.	LARGE CHEESE. A fine keeper, excellent for pies, also grown in large quantities for stock. Very productive. Not postpaid: 5 lbs., \$3.00.....	.05	.15	.25	.85	3.50
369.	GOLDEN OBLONG. A new variety, very fine and productive.....	.05	.15	.30	1.15	5.00
369½.	OLDS' MIXTURE. Pumpkins all the season with one planting.....	.05	.10	.20	.75	

# RADISH

Our list includes the best varieties, and our seed is grown from choice stock seed. Pkts. contain  $\frac{1}{4}$  oz. of seed each, sufficient to sow from 25 to 30 feet of drill; 10 to 12 lbs. will sow an acre in drills.



394. Mixed. Radishes the whole season. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c.



**371 $\frac{1}{2}$ . OLDS' RED GLOBE FORCING.** Grows quick and is the best for forcing indoors or out. Globe-shaped; bright red in color; crisp and tender. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 90c; 2 lbs. or more, 75c per lb.

**378 $\frac{1}{2}$ . OLDS' EARLIEST WHITE FORCING.** Not only the earliest white radish, but the earliest of any color; pure white oblong and tender. Small tops, which permit close planting. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.20; 2 lbs. or more, \$1.05 per lb.

**370. SCARLET TURNIP WHITE TIP.** A popular variety. Bright scarlet with distinct white tip. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; 2 lbs. or more at 85c per lb.

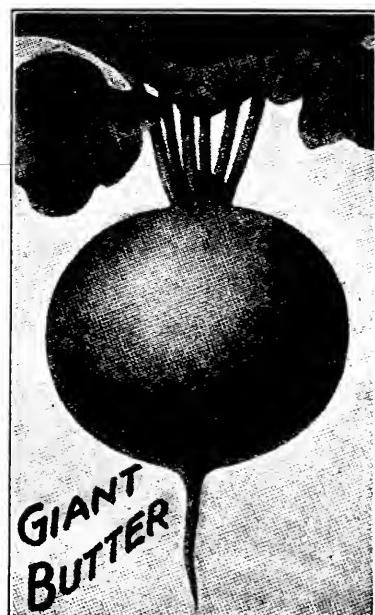
**371. OLDS' EARLIEST SCARLET TURNIP.** A splendid extra early, round bright red radish. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 95c; 2 lbs. or more at 80c per lb.

**378. OLDS' SNOWBALL.** The earliest white turnip, or globe-shaped radish. It is almost transparent. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.15; 2 lbs. or more at \$1.00 per lb.



**370 $\frac{1}{2}$ . OLDS' BRIGHTEST WHITE TIP (SPARKLER).** A bright scarlet white tipped radish—see illustrations. It is quite distinct in color and has a well defined clear white tip. It has a small top, is a rapid grower and is adapted for forcing. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.10; 2 lbs. or more at 95c per lb.

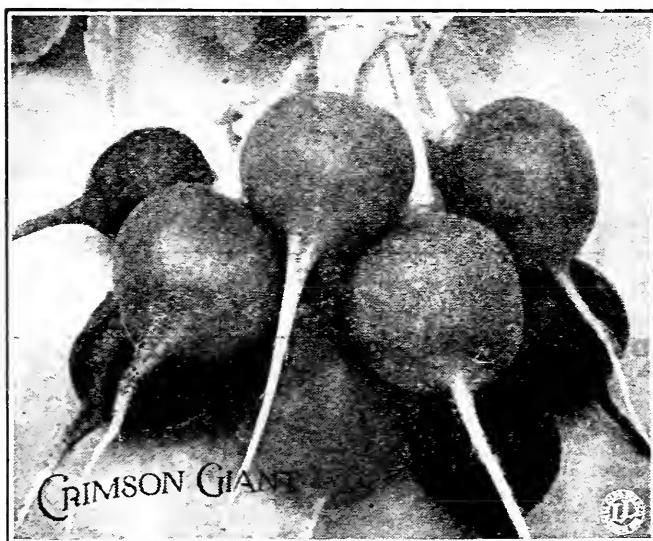
Order by number. See page 75 for full and complete list of Radishes.



**377 $\frac{1}{2}$ . GIANT BUTTER.** A new early forcing variety. It is the largest, early turnip radish. It is of a fine round shape, vivid scarlet in color and very desirable for green-house or hot bed forcing. It is tender and crisp. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.45; 2 lbs. or more at \$1.30 per lb.

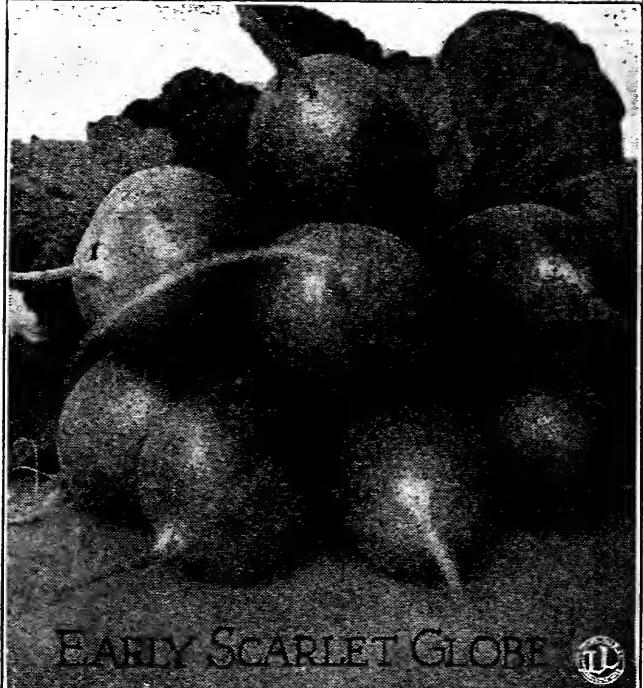


**375. SAXA.** The earliest radish for forcing or outdoor culture. This radish is of a beautiful scarlet color, round with a very small top and tap root—It is very early and has been placed on the dining table in three weeks from the time of sowing. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

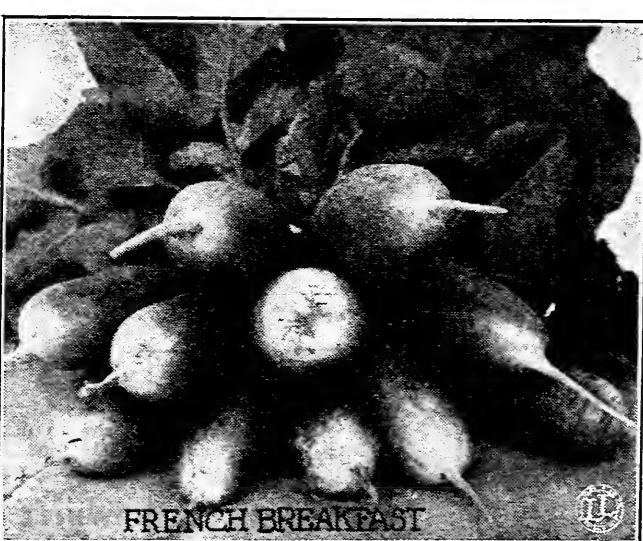


**376. ★CRIMSON GIANT.** A distinct forcing variety, and the best for first outdoor planting. The flesh is firm, crisp and tender. Pkt. 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

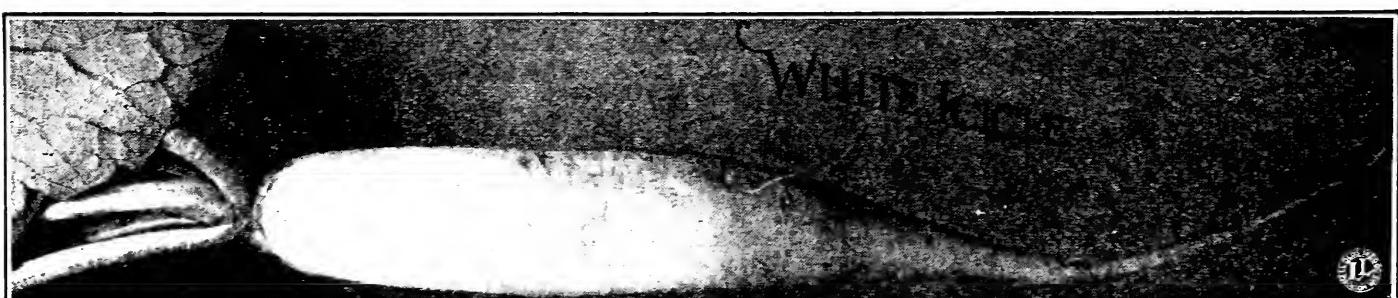
Olds' Radish Seed is grown from choice stock seed.



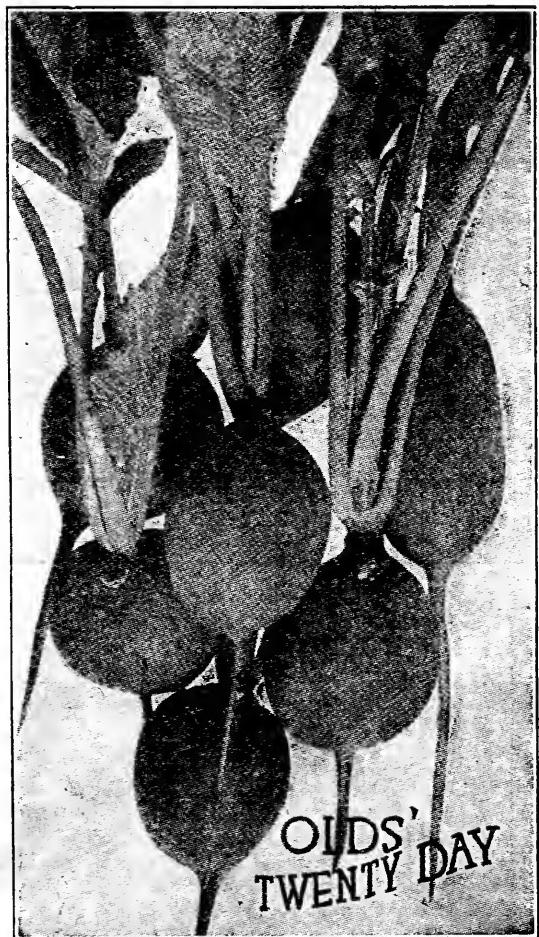
**377. EARLY SCARLET GLOBE.** The best all round radish for early outdoor sowing. The skin is a bright scarlet; flesh pure white, crisp, tender and of delicious quality. Fine for the home garden and on account of its earliness, appearance and quality, just right for the market gardener. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



**378. OLD'S IMPROVED FRENCH BREAKFAST.** Early, handsome, tender and crisp. Deep, glossy crimson, with the white tips well defined. We consider this radish one of the best for forcing. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



**385. ★WHITE ICICLE.** The finest pure white, long variety; very early, with smooth symmetrically shaped roots—see illustration above. This radish is not only crisp and tender when young, but retains these qualities until the roots reach a large size. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.15; 2 lbs. or more, \$1.00 per lb.



**374. OLDS' TWENTY DAY.**

Twenty Day is a rich, bright scarlet olive shaped radish—see illustration opposite; pure white flesh, crisp and tender. It is fine for forcing and has been grown large enough to use in twenty days; also very desirable for first outdoor planting. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.15; 2 lbs. or more \$1.00 per lb.

**390. NEW WHITE CHINESE.** The best large white winter variety. The roots are 6 to 8 inches long, smooth, white, with flesh least pungent of the winter varieties. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 95c.

**384. CINCINNATI MARKET.** The finest long Red Radish in cultivation—see illustration; bright scarlet with small top. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**PLEASE NOTE:**—We do not put up seed in fractions of ounces or pounds except as listed in our Catalog. If you order half ounces or half pounds, which are not so listed, we fill with packets or quarter pounds of the same value.

**REMEMBER** we pay the parcel postage on Garden and Flower Seeds, unless otherwise mentioned.



**RADISH. Full List.**

Half-pounds at pound rates. For larger quantities—see market gardeners, net price list.

		By parcel post.					
		pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs.	
370.	SCARLET TURNIP WHITE TIP.	A very popular variety.....	\$0.10	\$0.15	\$0.30	\$1.00	\$4.25
370½.	OLDS' BRIGHTEST WHITE TIP. (Sparkler)	A distinct variety.....	.10	.15	.30	1.10	4.75
371.	★OLDS' EARLIEST SCARLET TURNIP.	A small, round red variety with small top, quick growth, mild and crisp, largely used for planting in the open ground.....	.05	.15	.25	.95	4.00
371½.	OLDS' RED GLOBE FORCING.	The best for forcing, outdoors or in.....	.10	.15	.25	.90	3.95
373.	★OLDS' IMPROVED FRENCH BREAKFAST.	Tender and crisp. Deep crimson with white tips, well defined. Illustrated page 74.....	.10	.15	.30	1.00	4.25
374.	OLDS' TWENTY DAY.	Olive-shaped, deep red; crisp and tender.....	.10	.15	.30	1.15	5.00
375.	SAXA.	The earliest radish for forcing or outdoor culture.....	.10	.15	.40	1.50	6.75
376.	★CRIMSON GIANT.	Best large radish for first outdoor planting.....	.10	.15	.35	1.25	5.50
377.	EARLY SCARLET GLOBE.	Similar to Scarlet Turnip.....	.10	.15	.30	1.00	4.25
377½.	GIANT BUTTER.	A new early forcing variety.....	.10	.15	.40	1.45	6.50
378.	OLDS' SNOWBALL (White Box).	The earliest white turnip-shaped.....	.10	.15	.30	1.15	5.00
378½.	OLDS' EARLIEST WHITE FORCING.	The earliest pure white radish.....	.10	.15	.35	1.20	5.25
381.	WHITE STRASBURG.	A summer radish; of large size.....	.05	.15	.25	.85	3.50
382.	BRIGHTEST LONG SCARLET.	Handsome long red radish.....	.10	.15	.25	.95	4.00
383.	IMPROVED CHARTIER.	Long crimson, tipped with white.....	.10	.15	.25	.85	3.50
384.	CINCINNATI MARKET.	Early radish, with small tops—bright scarlet.....	.10	.15	.30	1.00	4.25
385.	★WHITE ICICLE.	The best long, pure white radish; crisp and tender.....	.10	.15	.30	1.15	5.00
387.	EARLY LONG SCARLET.	The standard long red radish.....	.05	.15	.25	.85	3.50
389.	LONG WHITE VIENNA.	One of the best long white radishes.....	.05	.15	.25	.95	4.00
390.	NEW WHITE CHINESE.	The best large white winter variety.....	.10	.15	.25	.95	4.00
391.	CHINA ROSE WINTER.	Rose colored and a good keeper.....	.10	.15	.25	.95	4.00
392.	LONG BLACK SPANISH.	Good keeper, black skin, white flesh.....	.05	.15	.25	.85	3.50
393.	MAMMOTH JAPANESE.	A new distinct variety; very large.....	.10	.15	.35	1.35	6.00
394.	MIXED RADISH.	Radishes the whole season.....	.05	.10	.20	.75	3.00

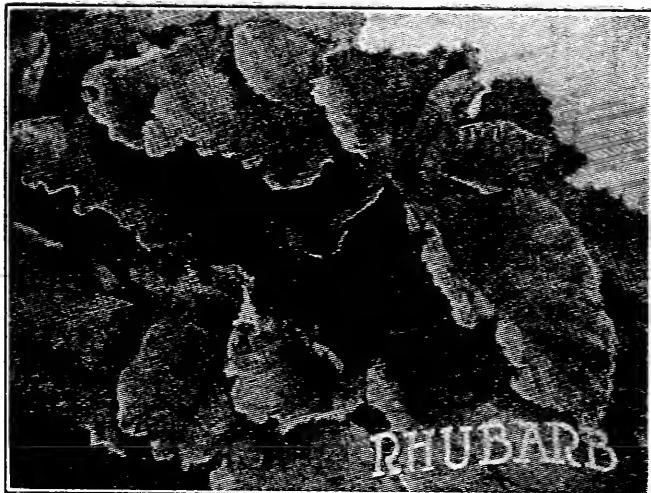
**"OLDS' CATALOG TELLS THE TRUTH!"**

## RHUBARB

Rhubarb, or Pie Plant is the earliest spring vegetable. It can be grown easily from seed in one season. The stalks should not be used until the plants have had a full season's growth.

395. **LARGE VICTORIA.** The most popular variety; comes true from seed. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c.

**RHUBARB ROOTS.** We can also supply good strong roots. Rhubarb Roots, 15c each; 3 for 35c; doz., \$1.00. Not postpaid: Doz., 85c, 100, \$6.00.

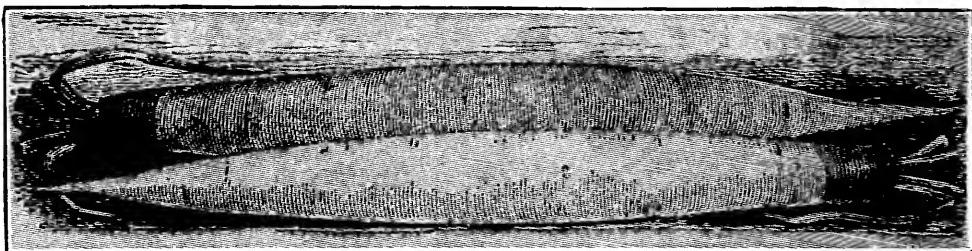


## SALSIFY

There is no vegetable more rich and delicious than the Oyster plant or Salsify. It is splendid for winter use and ought to be more largely grown.

397. **★MAM. SANDWICH ISLAND.** Large roots of fine quality and flavor. Mam. Sandwich Island grows nearly twice the size of the White French. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c; lb., \$2.95; 2 lbs. or more, \$2.80 per lb. Not postpaid: 5 lbs., \$13.50.

398. **WISCONSIN GOLDEN.** A distinct variety, of Wisconsin origin. The roots have a yellow tinge and grow large and smooth; fine flavored and sweet. We recommend this variety—give it a trial. Pkt., 10c; 2 pkts., 15c; oz., 25c;  $\frac{1}{4}$  lb., 85c; lb., \$3.15; 2 lbs. or more \$3.00 per lb.



## SPINACH

Spinach is a very important market crop, and large quantities of seed are used every year. Our seed is new crop and as low in price as first quality seed can be sold for. Our packets each contain  $\frac{1}{4}$  oz. of seed, sufficient for 12 to 15 feet of drill.



400. **ROUND LEAVED.** A well-known standard, early variety; very hardy. Leaves large, thick, fleshy and bright green in color—illustrated above. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c; 2 lbs. or more, 60c per lb.

402. **★BLOOMSDALE.** A great favorite: thick, dark green, wrinkled leaves (see illustration); hardy, of fine substance and flavor. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c; 2 lbs. or more, 70c per lb.

403. **★OLDS' LONG SEASON.** The best long season variety—withstanding the hot summer weather, without going to seed, better than any other. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c; lb., 75c.

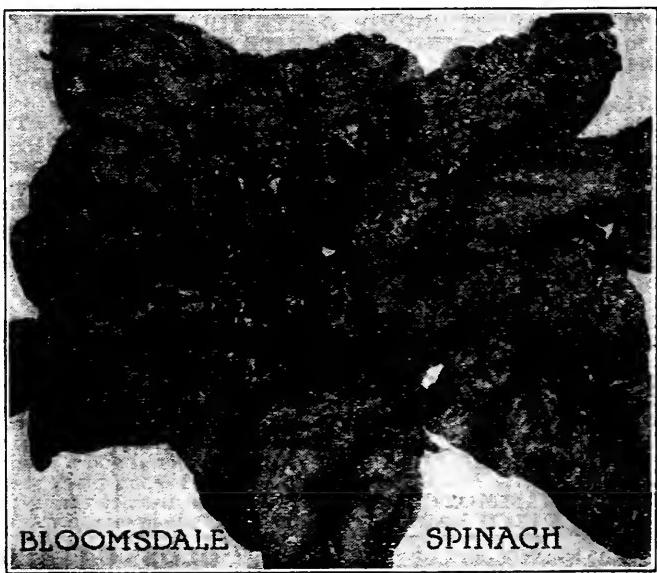
402 $\frac{1}{2}$ . **VICTORIA.** Very dark green leaves, almost black. It is fit to use early and remains good for a long time; suitable for market or the private garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c; 2 lbs., or more, 60c per lb.

403 $\frac{1}{2}$ . **NEW ZEALAND.** Both the leaves and the stalks of the plant are of the finest quality when cooked. For mid-summer sowing; well adapted to dry localities. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 90c; 2 lbs. or more, 75c per lb.

404. **PRICKLY OR WINTER.** For fall sowing. Very hardy and vigorous in growth. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c; 2 lbs. or more 70c per lb.

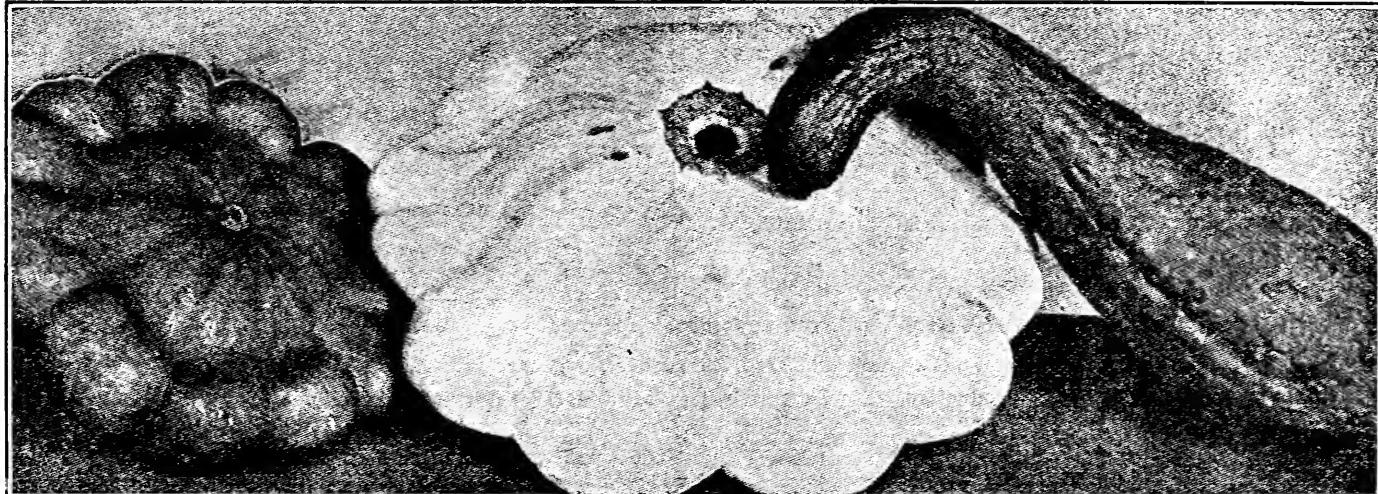
404 $\frac{1}{2}$ . **OLDS' MIXED** Spinach Seed will furnish greens all the season from one sowing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c; 2 lbs., or more, 55c per lb.

Fred B. Libey, Grass Lake, Mich., March 20, 1920, writes: "Either myself or some member of my family orders seeds from your house every year. Can find none equal to them—and am very grateful for your prompt shipments and square methods of dealing."



# SQUASH

The seed we offer is from squash grown strictly for seed purposes. Our packets each contain  $\frac{1}{4}$  oz. of seed, sufficient for 6 or 8 hills; 3 to 4 pounds of seed will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Order by number.



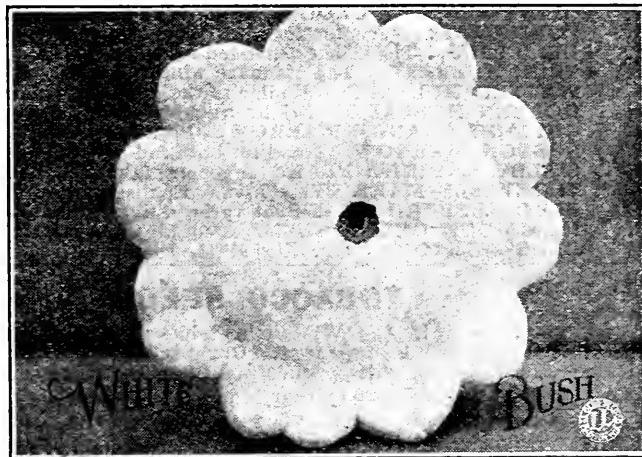
Mam. Yellow Bush. Pkt., 10c.

Mam. White Bush. Pkt., 10c. Giant Summer Crookneck. Pkt., 10c.

**407. ★GIANT SUMMER CROOKNECK.** The Summer Crookneck is a very old variety and almost everyone is familiar with it. In the Giant Summer Crookneck we have the earliest summer squash and one much larger than the common variety. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$2.00; 2 lbs. or more, \$1.85 per lb.



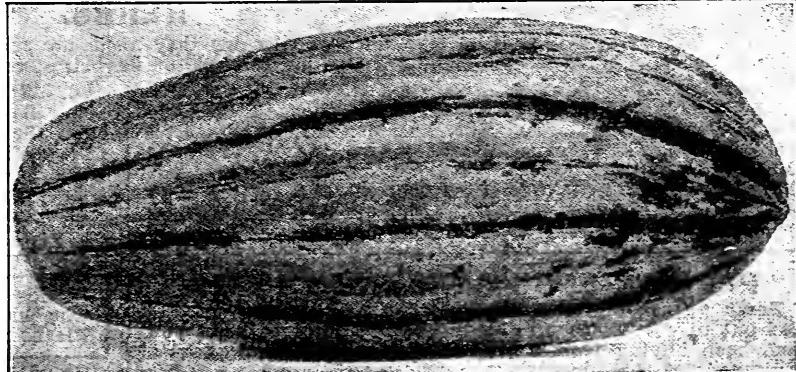
**406. MAMMOTH YELLOW BUSH.** The largest and most handsome bush squash—see illustration. The color is a rich golden yellow; flesh cooks dry and is fine for pies. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50; 2 lbs. or more, \$1.35 per lb.



**405. ★MAMMOTH WHITE BUSH.** A true bush variety, about twice the size of the ordinary White Bush Scallop. The fruit is a clear white and very handsome in appearance—see illustration. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.45; 2 lbs. or more, \$1.30 per lb.



**410. ★DELICIOUS.** A recent introduction. One of the thickest-meated varieties, and one of the best for pies. Its color is a dark green, with occasionally a blue specimen; color of flesh, a deep orange. It cooks up drier and is finer-grained than most other squashes, and retains these qualities throughout the winter. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c.



Mammoth Chili. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c

**420. MAMMOTH CHILI.** A very large and attractive variety. The skin is a rich orange yellow, flesh thick, fine grained and sweet. Pkt., 10c; 2 pkts., 15c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.85.

**"OLDS' CATALOG TELLS THE TRUTH."**

## OUR FOUR HUBBARDS.

411. ★TRUE HUBBARD. The standard winter squash. Large olive-shaped (see illustration), with dark green skin and very rich flesh. Almost every one is well acquainted with Hubbard squash. Our strain is extra fine. Pkt., 10c; 2 pkts. (1/2 oz.) 15c; oz., 20c; 1/4 lb., 55c; lb., \$2.00.

412. WARTED HUBBARD. Similar to the above, but larger and heavily warded. Very handsome in appearance, and an excellent keeper. It has the hardest shell of all the Hubbards. Pkt., 10c; 2 pkts., 15c; oz., 20c; 1/4 lb., 55c; lb., \$1.95; 2 lbs. or more, \$1.80 per lb.

413. GOLDEN HUBBARD. Heavily warded like the above, with a rich orange-yellow skin, turning to a deep salmon-red when ripe. It is equally as productive and superior in quality, if anything, to the other Hubbards. Pkt., 10c; 2 pkts., 15c; oz., 20c; 1/4 lb., 50c; lb., \$1.85.

418. BLUE HUBBARD. The Symmes Blue Hubbard is an entirely distinct variety; light blue in color, very dry when cooked and resembling the Warted Hubbard in shape; very productive. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$2.15.

**OLDS' 1922 INTRODUCTION.** A brand new squash for next year. Better than Hubbard—dry, sweet and delicious until late in spring. We plan to introduce this squash next year. Order anything from this catalog amounting to \$1.00 or more and we will add free, on request, a packet for trial.

408. FORDHOOK. Very productive, excellent for pies. This squash has so thin a skin that it need not be removed for cooking. Fruits small, oblong, about 8 to 10 inches in length; skin smooth, of light cream color. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.75.



415. BOSTON MARROW. Good for both fall and winter use. It is bright orange in color, oval shaped and of fine quality for pies and for canning purposes. The flesh is tender, fine grained and excellent in quality. Pkt., 5c; oz., 15c; 1/4 lb., 30c; lb., \$1.00.

## SQUASH. Full List.

Market gardeners' list (free on request), for larger quantities. 1/2 lb. at pound rates.

		By parcel post.
		pkt. oz. 1/4 lb. lb.
405.	MAMMOTH WHITE BUSH. A true bush variety; large and good shaped.....	\$0.10 \$0.15 \$0.40 \$1.45
406.	★MAMMOTH YELLOW BUSH. The largest bush squash.....	.10 .15 .40 1.50
407.	★GIANT SUMMER CROOKNECK. The earliest summer squash.....	.10 .20 .55 2.00
408.	FORDHOOK. Very fine for pies. A good yielder and keeper.....	.10 .20 .50 1.75
410.	★DELICIOUS. The thickest-meated squash yet introduced; cooks dry.....	.10 .20 .55 2.00
411.	★TRUE HUBBARD. The standard winter squash. See illustration.....	.10 .20 .55 2.00
412.	WARTED HUBBARD. Similar to the ordinary Hubbard, but larger.....	.10 .20 .55 1.95
413.	GOLDEN HUBBARD. Bright orange-yellow; see above.....	.10 .20 .50 1.85
414.	CHICAGO ORANGE MARROW. Best fall squash.....	.05 .15 .30 1.10
415.	BOSTON MARROW. Good for both fall and winter use.....	.05 .15 .30 1.00
416.	SIBLEY, or PIKE'S PEAK. A general favorite.....	.10 .20 .60 2.25
417.	VEGETABLE MARROW. Popular English garden variety; smooth skin.....	.10 .20 .55 2.00
418.	BLUE HUBBARD. A distinct variety, light blue in color, dry when cooked.....	.10 .20 .60 2.15
420.	MAMMOTH CHILI. The largest of all squashes.....	.10 .20 .50 1.85
424.	OLDS' MIXTURE. Squashes all the season with one sowing.....	.05 .15 .25 .95

## TOBACCO SEED.

We are located in the Wisconsin tobacco district and offer below the best seed that can be procured. Our packets each contain 1/8 oz. of seed; one ounce of seed will produce plants enough for an acre of tobacco.

500. COMSTOCK'S SPANISH. The favorite variety in Wisconsin. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.75; lb., \$6.75.

501. CONNECTICUT SEED LEAF. Leaves of good length and width and the variety best adapted to the middle and northern states. Pkt., 10c; 1/2 oz., 25c; oz., 40c; 1/4 lb., \$1.50; lb., \$5.75.

502. IMPROVED WHITE BURLEY. An improved strain of the tobacco that has made Tennessee famous. It has a broad leaf and is much used for wrappers. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 25c; oz., 40c; 1/4 lb., \$1.45; lb., \$5.50.

## HERBS.

The following medicinal herbs are so well known they need no special description. Fennel, Sage or Anise tea? Herbs are also much used for flavoring; very desirable for an unused corner of the garden.

480. Anise .....	Pkt. 10c, oz. 30c, 1/4 lb. 90c	490. Rosemary .....	Pkt. 10c, oz. 80c, 1/4 lb. 3.00
481. Balm .....	Pkt. 10c, oz. 20c, 1/4 lb. 75c	492. Sage .....	Pkt. 10c, oz. 55c, 1/4 lb. 2.00
483. Caraway .....	Pkt. 10c, oz. 30c, 1/4 lb. 1.00	493. Summer Savory ...	Pkt. 10c, oz. 40c, 1/4 lb. 1.50
485. Dill .....	Pkt. 5c, oz. 15c, 1/4 lb. 35c	494. Winter Savory ...	Pkt. 10c, oz. 35c, 1/4 lb. 1.25
486. Fennel, Sweet .....	Pkt. 5c, oz. 15c, 1/4 lb. 45c	496. Thyme .....	Pkt. 10c, oz. 55c, 1/4 lb. 2.00
487. Horehound .....	Pkt. 10c, oz. 55c, 1/4 lb. 2.00	498. Wormwood .....	Pkt. 10c, oz. 60c, 1/4 lb. 2.25
488. Lavender .....	Pkt. 10c, oz. 85c, 1/4 lb. 3.00	499. Mixed (all the above)	Pkt. 5c, oz. 25c, 1/4 lb. 85c
489. Marjoram, Sweet...	Pkt. 10c, oz. 40c, 1/4 lb. 1.50		

## PLANT A GOOD GARDEN IN 1921.

Fresh vegetables from your garden and canned vegetables put up for winter use will take the place of what you have been buying from the store and reduce the high cost of living just that much.

Every time you order seeds or write to us be sure and write your name, Post Office and State, plainly. If your post office address has been changed please call our attention to the matter.

Give us the names of a few of your friends, that you think would be interested in our catalog.

Send us a photograph of your garden or anything extra fine you grow from our seeds.

This CATALOG is mailed without request to all who have ordered of us during the last three years. Please notify us of any change of post-office address.

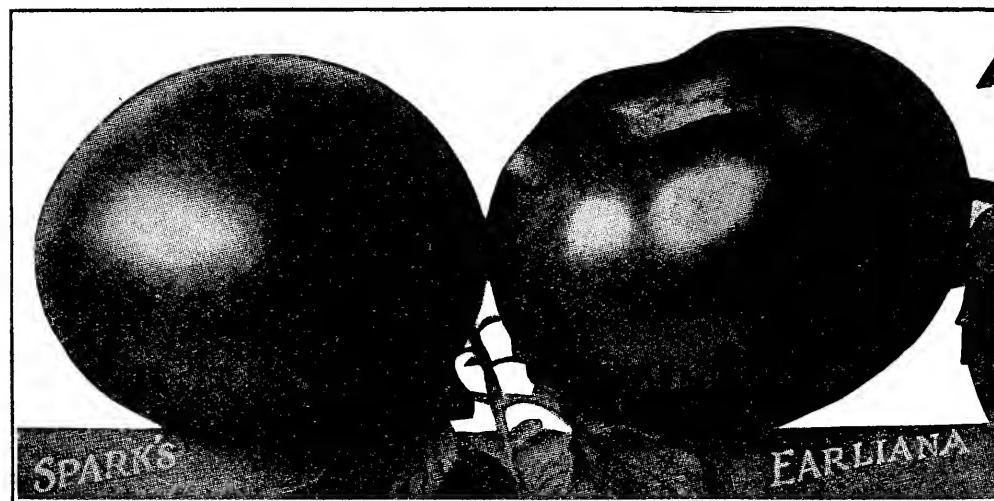
Good crops can be grown only from good seeds.

## SEEDS AND SERVICE.

We carry large stocks of all the leading varieties of Garden, Field and Flower Seeds and are equipped to pack and ship on short notice. Our central location is ideal—enabling us to serve the largest number of seed buyers, to the best advantage.

# TOMATO

Our seed is from tomatoes grown for seed, and from choice selected seed stock. Our packets each contain seed enough to produce 300 plants; 3 ozs. of seed will plant an acre. Those marked with a star are the varieties we specially recommend. Order by number. We have prepared a leaflet on Tomato culture, free on request.



**428½. EARLY DETROIT.** A new variety of great merit. It is a purple tomato; ripens early and continues in bearing for a long time with a heavy yield; fruits are large, smooth and of excellent quality. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.



427. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 85c.

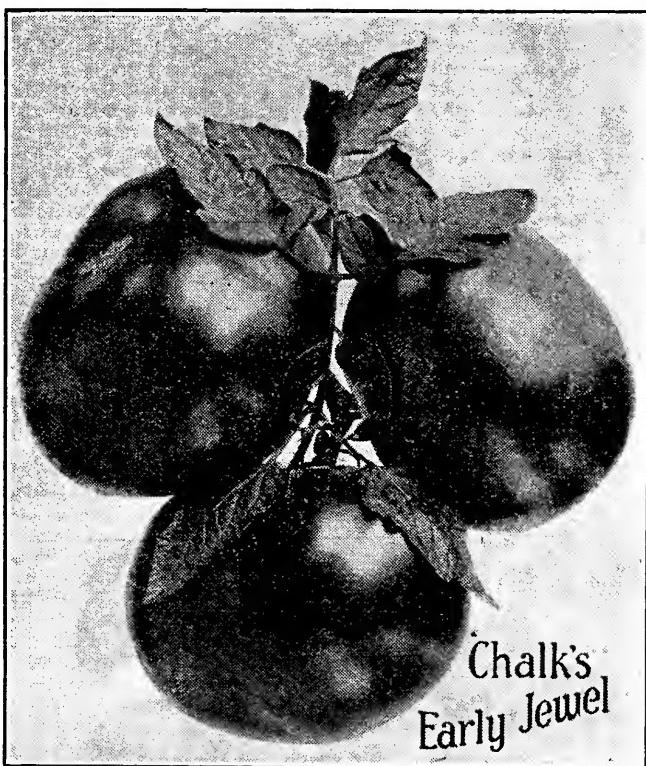
**440. LIVINGSTON'S GLOBE.** This tomato is a beautiful globe in shape, resembling a peach in form (see illustration page 81). On account of its shape, a great number of slices can be taken from each tomato. It ripens with the first earlies. The fruits are large, smooth, firm and with few seeds; it ripens evenly, with a fine, glossy rose color, tinged with purple. Very productive. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.

**429. MATCHLESS.** Well worthy of its name—it is hard to match. It produces large red fruits throughout the entire season; very solid, heavy and free from any core. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 85c.

**425. ★SPARK'S EARLIANA.** No variety of recent introduction has attracted more attention than this. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color and very firm—flesh deep red. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.

**441. THE HUMMER.** Livingston's 1907 Introduction. Round as a ball and smooth as an apple. The Hummer is bright scarlet in color, and very productive. The flesh is crimson-scarlet and of the finest quality. The fruit is very firm and solid, in fact, a rotten tomato is seldom found. Pkt., 10c; 2 pkts., 15c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10.

**436½. JOHN BAER.** A new variety of merit. It is a few days later than Earliana, but produces a much heavier crop. Tomatoes large, uniform in shape and bright red in color, illustrated, page 80. It is the most profitable of any of the extra early varieties. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.40.



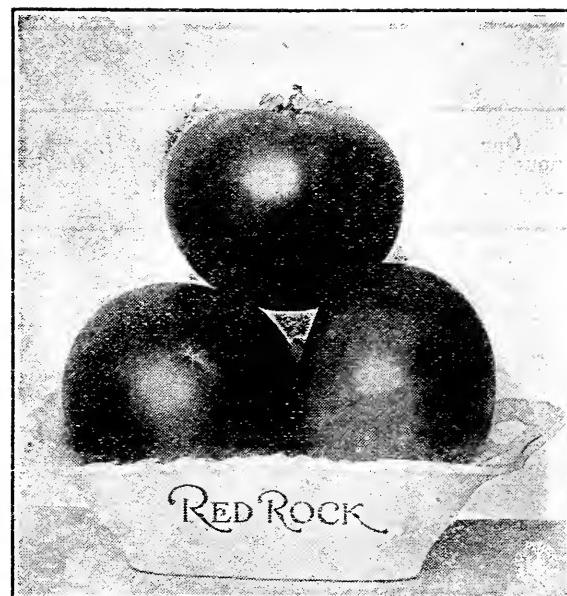
434. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00.

**426. ★SUCCESS.** A new tomato well worthy of the name "Success." It is just right for a second early; bright scarlet, of fine flavor and handsome in appearance. The vines are strong and vigorous; fruits set in clusters and average three inches in diameter. The handsome appearance, even size and great solidity of Success make it an excellent market variety, while its deep color and firmness make it also well adapted for canning. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 85c.

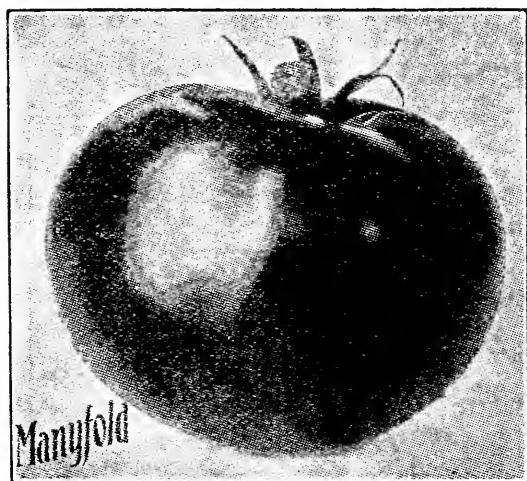
**437. PONDEROSA.** The Giant Tomato. Illustrated page 80. The Tomatoes grow in beautiful clusters, mostly oblong in shape, with solid flesh and with small seed cells. Pkt., 10c; 2 pkts., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.85.



**444. BONNY BEST.** An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright scarlet; ripens evenly to the stem without crack or black spot. Very productive and a fine shipper, being even in size and packing well in a crate or basket. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10.



**427 $\frac{1}{2}$ . RED ROCK.** A new variety—one week earlier than Stone; round, smooth and bright red in color. The Red Rock is a heavy producer and fine shipper; excellent for the market and home gardener; also recommended to grow for canning factories. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., 90c.



Manyfold

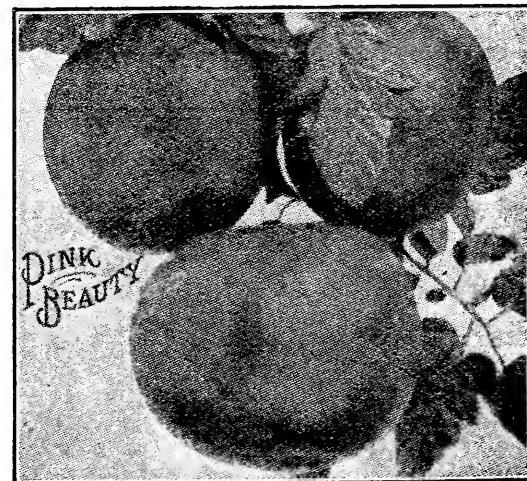
**442 $\frac{1}{2}$ . LIVINGSTON'S MANYFOLD.** 1917 Introduction. More than five years were spent in perfecting the Manyfold. It produces larger clusters of bright red fruit, with the brightest red flesh of any sort grown. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.50.

**427. ★NEW STONE.** The standard main crop variety; always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock seed and is superior to most of the seed offered, producing larger, smoother, more uniform and better colored tomatoes. Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  $\frac{1}{4}$  lb., 85c.

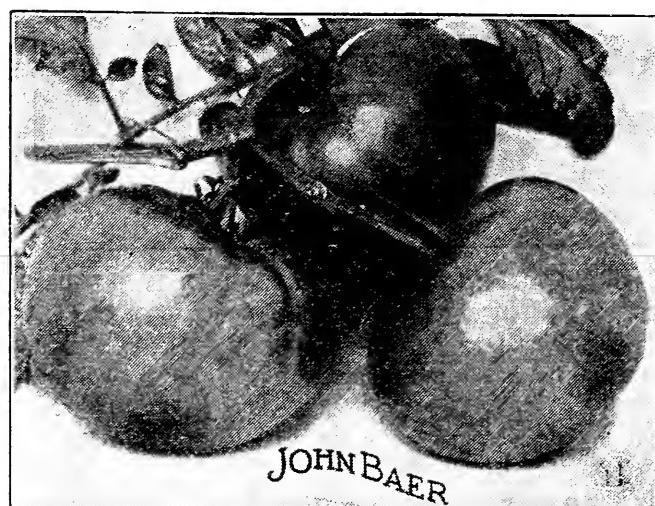
Roy Kluth, Corsica, S. D., writes: "I will send you a letter thanking you for your improved seeds. I had a lot of nice sweet watermelons and all of your seeds did well—especially the radish, they were as large as a chicken egg."



OLDS SEED CO.  
MADISON, WISCONSIN

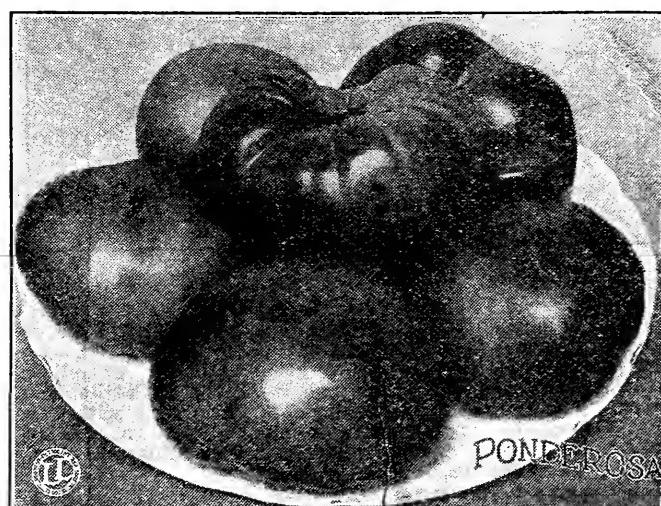


**439 $\frac{1}{2}$ . OLDS' PINK BEAUTY.** A mid-season variety and the best pink tomato. The vines are strong, vigorous and heavy bearers; fruit large, very smooth and uniform in size. Pkt., 10c; 2 pkts., 15c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.25.



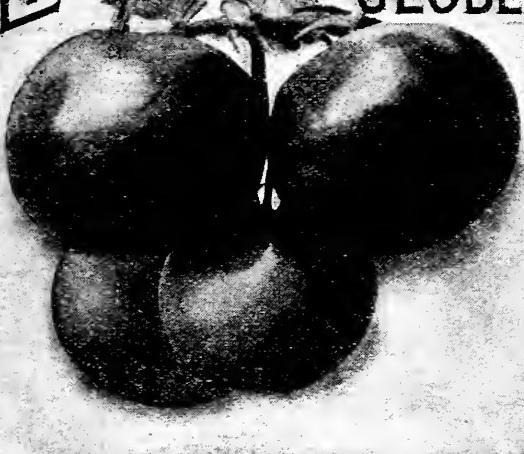
JOHN BAER

JOHN BAER. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c.



PONDEROSA. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 55c.

# LIVINGSTON'S NEW GLOBE



440. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00.

# LIVINGSTON'S NEW CORELESS



442. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.20.

### 443. JUNE PINK

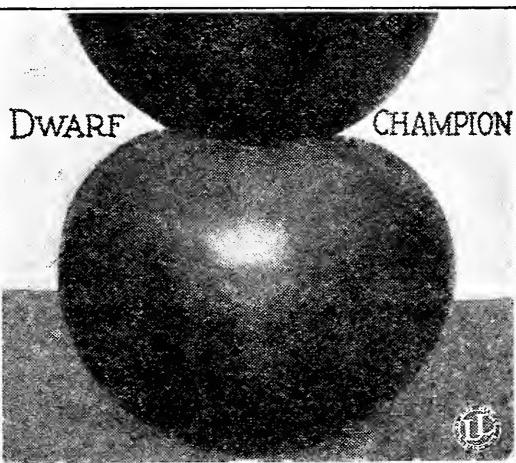
The earliest of all pink tomatoes. It is a good yielder, of high quality and runs very smooth for an early sort; similar in habit and shape to the Earliana, differing from it in color only, which is pink instead of red. The June Pink while primarily an early tomato continues to bear and ripen fruit up to frost. The fruit is borne in clusters, single specimens often measuring 3 inch-

JUNE PINK

es in diameter. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00.

439. OLDS' GOLDEN BEAUTY. (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c.

432. DWARF CHAMPION. A very popular dwarf variety; desirable where space is limited; fruit is smooth, solid and medium in size; color pink. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.25.



## TOMATOES. Complete List.

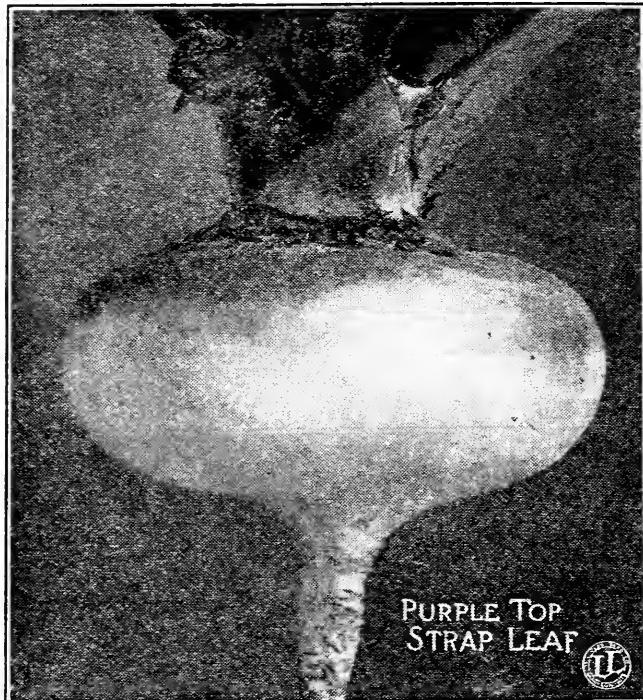
One pound of any variety at three and three-fourths times the price of  $\frac{1}{4}$  lb.

		By parcel post.		
	pkt.	$\frac{1}{2}$ oz.	oz.	$\frac{1}{4}$ lb.
425. ★SPARK'S EARLIANA.	Very early, and remarkable for its large size.....	\$0.10	\$0.20	\$0.30
426. ★SUCCESS.	Just right for a second early.....	.10	.15	.25
427. ★NEW STONE.	Best of all for main crop; large, smooth and solid.....	.10	.15	.25
427½. RED ROCK.	A new variety; round, smooth and bright red in color.....	.10	.20	.30
428. FORDHOOK FIRST.	A very satisfactory first early.....	.10	.20	.30
428½. EARLY DETROIT.	A new variety of great merit.....	.10	.20	.30
429. ★MATCHLESS.	Produces large, red tomatoes the entire season.....	.10	.15	.25
430. NEW DWARF STONE.	A recent introduction; strong, upright vines.....	.10	.25	.40
431. TRUCKERS' FAVORITE.	A large, purple tomato; very productive.....	.10	.20	.35
432. DWARF CHAMPION.	A popular dwarf variety.....	.10	.20	.35
434. CHALK'S EARLY JEWEL.	One of the largest and finest.....	.10	.20	.30
436. EARLY ACME.	The standard bright pink tomato.....	.10	.20	.30
436½. JOHN BAER.	The most profitable cropper of any of the extra early varieties.....	.10	.25	.40
437. PONDEROSA (Henderson's).	The largest of all.....	.10	.30	.55
438. ★ENORMOUS.	The largest and smoothest tomato grown.....	.10	.30	.55
439. OLDS' GOLDEN BEAUTY.	Large, smooth and pure yellow.....	.10	.25	.40
439½. OLDS' PINK BEAUTY.	The best midseason pink variety.....	.10	.20	.35
440. ★OLDS' NEW GLOBE.	Livingston's 1905 Introduction.....	.10	.20	.30
441. THE HUMMER.	Livingston's 1907 Introduction.....	.10	.20	.35
442. NEW CORELESS.	Livingston's 1908 Introduction. Illustrated above.....	.10	.20	.35
442½. MANYFOLD.	Livingston's 1917 Introduction. See page 80.....	.10	.25	.40
443. JUNE PINK.	The earliest of all pink tomatoes. Illustrated above.....	.10	.20	.30
444. BONNY BEST.	A fine early home variety.....	.10	.20	.35
SMALL FRUITED VARIETIES.	445. Peach; 446. Yellow Pear; 446½. Red Pear; 447. Yellow Plum; 447½. Red Plum; 448. Red Cherry; 448½. Yellow Cherry; 449. Red Currant; each.....	.10	.20	.35
450. SMALL FRUITED VARIETIES MIXED.	Red, pink and yellow.....	.10	.20	.30
451. LARGE FRUITED VARIETIES MIXED.	Tomatoes all season.....	.05	.15	.25
455. STRAWBERRY or GROUND CHERRY.	Yellow Husk Tomato. Plants, page 99.....	.10	.20	.35

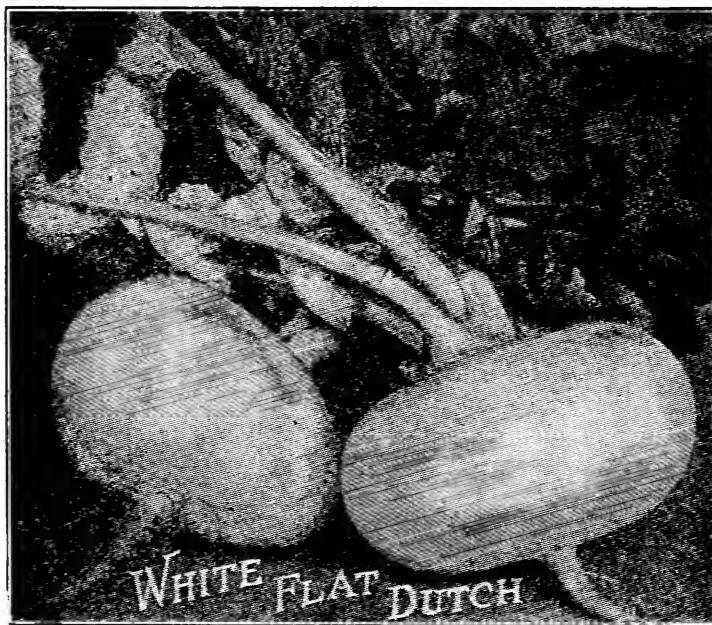
**TOMATO PLANTS.** Transplanted from hotbed; ready in May and June. Earliana, very early; Chalk's Jewel, second early, smooth and solid; Matchless, best for main crop; Ponderosa, largest and sweetest; Small fruited varieties mixed; Golden Beauty. Doz., 35c; 50 for \$1.10. Not postpaid; 50 for 90c; 100 for \$1.75.

# TURNIP AND RUTABAGA

Our seed is grown on the best adapted soils, and from selected stocks. Each packet contains  $\frac{1}{4}$  oz. of seed, sufficient to sow 50 feet or more; 1 lb. will sow one acre in drills; 2 to 3 lbs., an acre broadcast. Those marked with a star are the varieties we specially recommend. Order by number. Leaflet on proper culture, free on request.

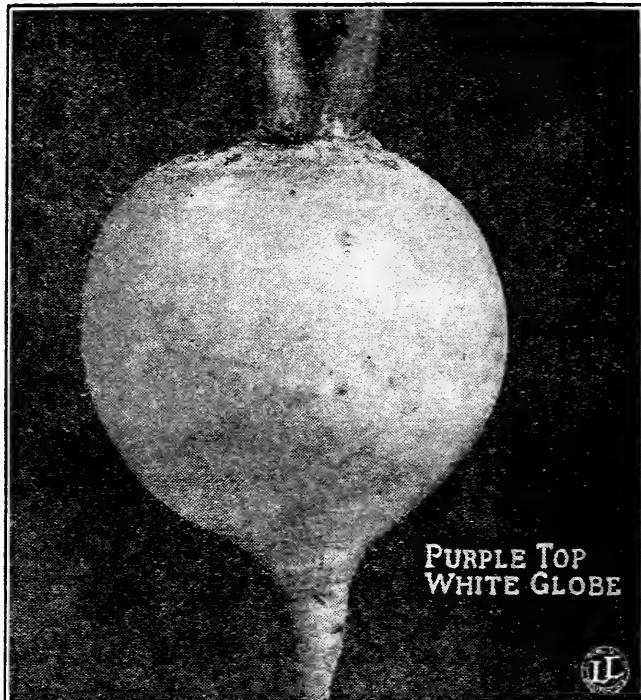


**460. ★OLDS' PURPLE TOP STRAP LEAF.** The well-known standard variety, and a great favorite for table use. Flat in shape, purple above ground, and white below. Our seed of this variety is of the best, and we sell more of this one sort than of all others combined. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c; 2 lbs. or more, 70c per lb.



**461. ★EXTRA EARLY PURPLE TOP MILAN.** A new strap-leaved turnip—the earliest in cultivation. The bulb is flat, of medium size, quite smooth and with a purple top; illustrated opposite. Flesh white, hard and of fine quality. It is a good keeper. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$2.00. 2 lbs. or more, \$1.85 per lb.

**464. WHITE EGG.** A quick grower, egg-shaped, of high quality and always sweet, crisp and solid; entirely without rank or bitter flavor, even when growing conditions are unfavorable. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; 2 lbs., or more, 85c per lb.

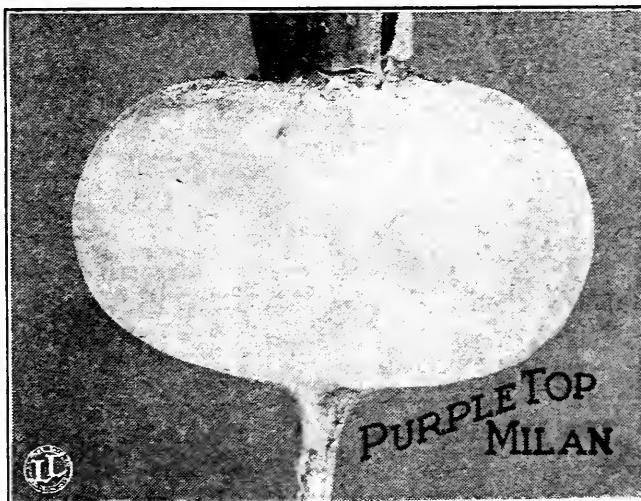


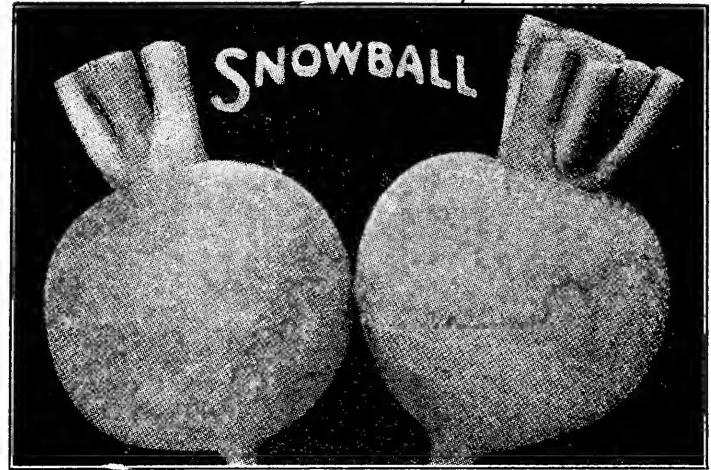
**465. ★OLDS' PURPLE TOP WHITE GLOBE.** Very attractive in appearance; a rapid grower, with pure white flesh; a sure cropper, and a great yielder. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 85c; 2 lbs. or more 70c per lb.

**470. OLDS' HEAVY CROPPER.** Round, yellow and very productive. One of the best varieties to grow as a field crop for stock; color of skin yellow above ground, white below, flesh yellow, fine grained and sweet. Grows to a large size, is hardy, keeps well and is the heaviest cropping variety we know of. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

**463. WHITE FLAT DUTCH.** A popular table variety. The roots are of medium size, flat, flesh pure white, fine grained and sweet—see illustration opposite. The roots are in the best condition for table use, when about two and one-half inches in diameter; can also be grown as a field crop. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 95c; 2 lbs. or more 80c. Not postpaid: 5 lbs., \$3.50.

**"OLDS' CATALOG TELLS THE TRUTH."**





**466. OLD'S SNOWBALL.** The most suitable white turnip for table use. (Illustrated above.) Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 95c.

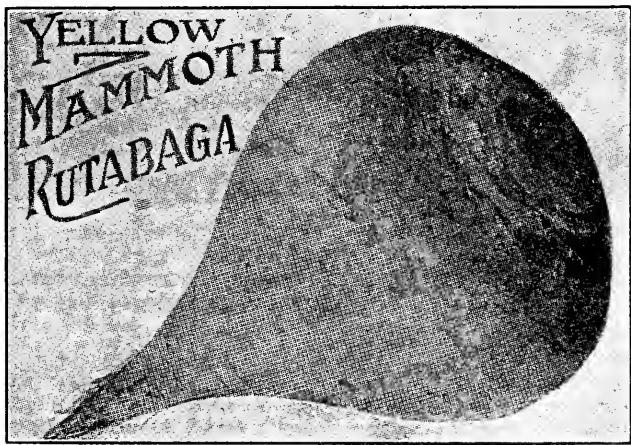
**471. OLD'S GOLDEN BALL.** The best yellow turnip for table use; fine shaped bulbs, medium in size, almost round, very smooth, and quite free from side roots; yellow flesh, firm and crisp. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



**475. OLD'S IMPROVED PURPLE TOP RUTABAGA.** An improved strain of the well-known standard variety. It is a heavy yielder and without tendency to long neck. It is hardy, productive, a good keeper and very satisfactory for both table use and stock. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 95c; 2 lbs. or more, 80c per lb. Not postpaid: 5 lbs., \$3.50.

**476. IMPROVED YELLOW MAMMOTH RUTABAGA.** In our opinion the most profitable sort to grow, as it is the hardest, heaviest, best shaped and most productive. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; 2 lbs. or more, 85c per lb. Not postpaid: 5 lbs., \$3.75.

**REMEMBER.** We pay the postage on all seeds by the packet, ounce, quarter-pound and up to five pounds in weight, unless otherwise noted.



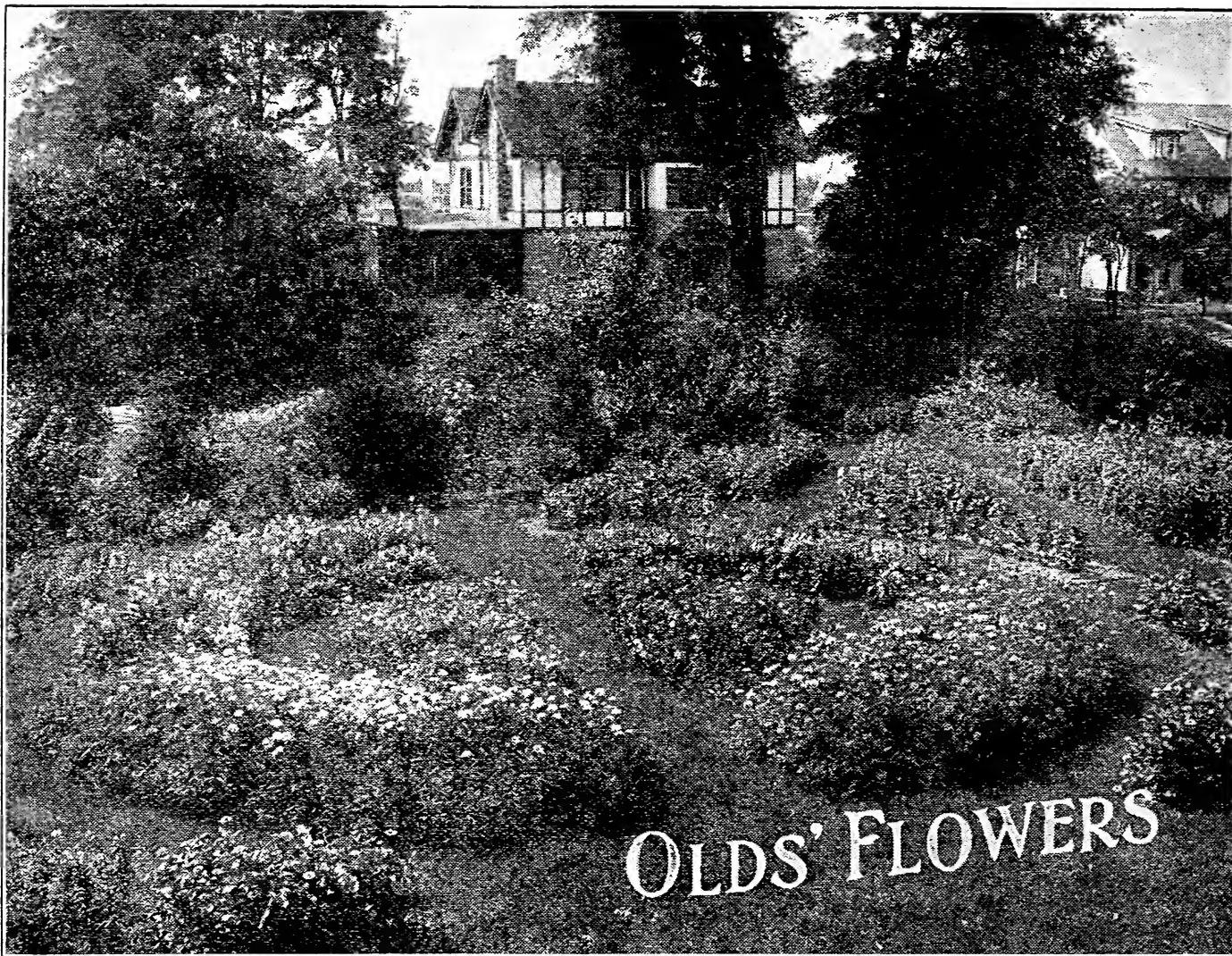
**477. OLD'S YELLOW NECKLESS.** A fine globe-shaped, yellow-fleshed variety. Grows to a large size; almost globular, but slightly oblong. The neck is very small; flesh yellow, solid and of the finest quality. The small necked roots can be easily stored for winter use and kept in good condition until late in the spring. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; 2 lbs. or more, 85c per lb.

#### TURNIP AND RUTABAGA. Full List.

For larger quantities see our market gardeners' net price list—free on request.

	By Parcel Post.				
	pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs.
460. ★PURPLE TOP STRAP LEAF TURNIP.	A well-known standard variety.....	\$0.10	\$0.15	\$0.25	\$0.85
461. ★EXTRA EARLY PURPLE TOP MILAN.	The earliest turnip.....	.10	.20	.55	2.00
462. EARLY WHITE MILAN.	A rapid grower and very handsome.....	.05	.15	.40	1.50
463. WHITE FLAT DUTCH.	Flat, smooth, white, of medium size and a quick grower One of the best. 5 lbs., not prepaid, \$3.50.....	.10	.15	.25	.95
464. WHITE EGG.	A quick grower, egg-shaped, smooth, with small top.....	.10	.15	.30	1.00
465. ★PURPLE TOP WHITE GLOBE TURNIP.	An early variety, globe-shaped.....	.10	.15	.25	.85
466. ★SNOWBALL.	Best white turnip for table use.....	.10	.15	.25	.95
467. COW HORN.	Grows large; fine for fall or winter.....	.05	.10	.25	.80
470. OLD'S HEAVY CROPPER.	Round, yellow and very productive.....	.05	.15	.25	.90
471. GOLDEN BALL.	The best yellow turnip for table use.....	.10	.15	.30	1.00
472. YELLOW ABERDEEN.	The best yellow turnip for stock.....	.05	.10	.20	.75
473. JAPANESE.	A new variety from Japan. Best Japanese grown seed.....	.10	.15	.40	1.50
474. MIXED.	Purple, white and yellow turnips all summer.....	.05	.10	.20	.70
475. ★OLD'S IMPROVED PURPLE TOP RUTABAGA.	The old standard.....	.10	.15	.25	.95
476. ★IMPROVED YELLOW MAMMOTH RUTABAGA.	Of good shape and quality.....	.10	.15	.30	1.00
477. NEW NECKLESS RUTABAGA.	Globe shaped; yellow flesh.....	.10	.15	.30	1.00
478. OLD'S LARGE WHITE RUTABAGA.	Skin white; flesh white and sweet.....	.05	.15	.25	.90
479 $\frac{1}{2}$ . MIXED RUTABAGAS.	A fine assortment of yellow and white rutabagas.....	.05	.10	.25	.80

ROSES AND OTHER CHOICE PLANTS listed on pages 93, 100, 101.



## OLDS' FLOWERS

Our Flower Seeds are equal to the best offered anywhere. Our list has been revised, new varieties of merit added and inferior sorts thrown out.

Customers may select one packet each, of any two varieties of flower seed listed at 15 cents per packet for 25 cents, or may send \$1.50 for \$2.00 worth of packets; \$2.00 for \$3.00 worth; \$2.50 for \$4.00 worth, but remember this offer applies to packets only.

**A**Order by the number, as shown at the left of each variety. Wherever the following abbreviations occur, **A** indicates Annual, one that grows, blooms and dies the first year from seed; **B** indicates Biennial, that blooms the second year from seed; **P** indicates Perennial, that usually blooms the second year from seed, and continues to grow and bloom several years—if sown early, some Biennials and Perennials will bloom the first year; **H** means Hardy, **HH** means Half Hardy, and **T** Tender—thus, **H. H. A.** is a Half Hardy Annual.

**ABUTILON** (Chinese Bell Flower). A splendid house plant. **T. P.**

820. Fine Mixed. Extra fine. **Pkt., 15c; 2 pkts., 25c.**

**AGERATUM** (Floss Flower). Fine bedding plants; valuable for borders. **H. H. A.**

825. Fine Mixed. **Pkt., 5c.**

**ALYSSUM**. A great favorite. **H. A.**

831. Little Gem. Snow-white. **Pkt., 10c., 2 pkts., 15c.**

832. Little Dorrit. Very compact; excellent for beds or borders. **Pkt., 10c.; 2 pkts., 15c.**

**AMARANTHUS**. A very strong and rapid grower; ornamental foliage. **H. H. A.**

835. Splendens. Finest mixed. **Pkt., 5c.**

**ANTIRRHINUM** (Snapdragon). Very showy; blooming first season from seed. **H. P.**

840. Dwarf Mixed. Compact. **Pkt., 10c.; 2 pkts., 15c.**

841. Giant Fragrant. Mixed. Large, double, fragrant flowers. **Pkt., 5c.**

842. Snowflake. Pure White. **Pkt., 15c.; 2 pkts., 25c.**

843. Pink Beauty. Rose-colored flowers. **Pkt., 15c.**

**AQUILEGIA** (Columbine). Splendid for permanent borders; of easy culture. **H. P.**

845. Double Mixed. Very fine. **Pkt., 10c.**

**ASPARAGUS PLANT**. A beautiful plant for the house; easily raised from seed. It can be started any time.

850. Plumbosus Nanus. **Pkt., 15c.; 2 pkts., 25c.**

**ASTERS**. Choice varieties, with illustrations—page 86.

**BACHELOR'S BUTTON** (*Centaurea Cyanus*). Free flowing plant; blooms until frost. **H. A.**

855. Mixed. Very choice. **Pkt., 5c.**

### BALSAM.

Balsams, like asters, are one of our specialties. Our strain cannot be excelled. Large double flowers in great abundance. **H. A.**

**OLDS' SEED CO.  
MADISON, WIS.** 860. Old's Camellia Flowered Mixed. Large, perfect, double flowers. Mixed colors. **Pkt., 10c.**

861. White Perfection. **Pkt., 15c.; 2 pkts., 25c.**

**CALENDULA** (Pot Marigold). Profuse bloomers.

865. Double Mixed. Fine shades. **Pkt., 5c.**

**CALIFORNIA POPPY** (*Eschscholtzia*). Compact and bushy; fine foliage, covered with a mass of showy flowers.

870. Fine Mixed. Many colors. **Pkt., 5c.**

871. Rose Queen. Rose carmine. **Pkt., 5c.**

872. Carmine King. Carmine rose. A new and distinct color in this charming annual; novel, brilliant and very effective. **Pkt., 10c.; 2 pkts., 15c.**

873. Golden. The true wild California Poppy; selected for the largest flowers and deepest orange colors. **Pkt., 5c.**

**CALIOPSIS** (*Coreopsis*). One of our best free blooming summer plants; of easy culture.

875. Fine Mixed. **H. A.** Fine for cut flowers. **Pkt., 5c.**

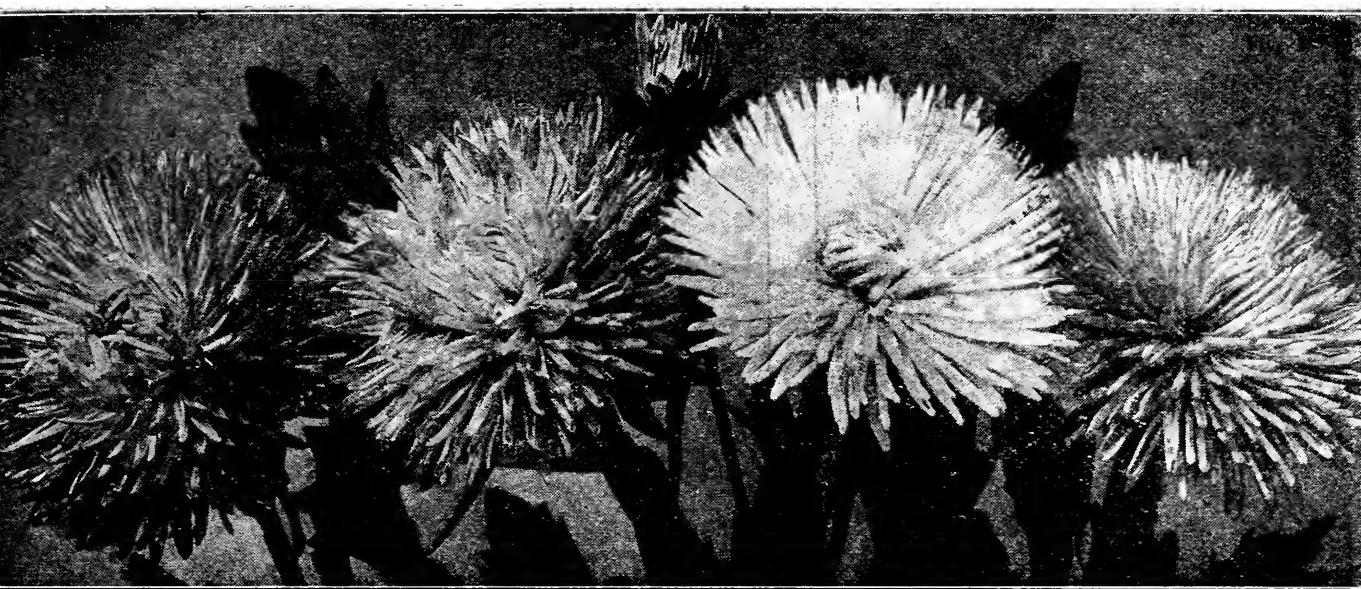
877. Lanceolata. **H. P.** Golden yellow. **Pkt., 10c.**

**CANARY BIRD FLOWER**. One of the most desirable climbers producing yellow-fringe flowers. **H. H. A.**

880. *Tropaeolum Canariense*. **Pkt., 10c.; 2 pkts., 15c.**

**CANNA**, Large Flowering French. A new and distinct class producing very large flowers.

890. Crozy's Best Mixed. Soak the seed twelve hours in warm water before sowing. **Pkt., 10c.; 2 pkts., 15c.**



### ASTERS.

Packets contain about 150 seeds each.

No plant produces a more handsome effect, and no garden is complete without these old favorites; of easy culture.

**800. Olds' Finest Mixed.** Largest flowering finest mixed. This is a mixture of the best varieties; large flowers; bright colors and a splendid assortment. See illustration above. Pkt., 5c.

**801. Peony Flowered Mixed, Truffaut's.** Plants literally covered with large, double flowers. Pkt., 10c.

**802. Giant Comet Mixed.** Immense double flowers, resembling chrysanthemums. Pkt., 10c; 2 pkts., 15c.

**803. Victoria Mixed.** Very handsome. The petals curve out and down, while those of the Peony Flowered curve up and in. Pkt., 10c; 2 pkts., 15c.

**803½. Sensation.** This is the reddest of all Red Asters. The bright color glistens in the sunshine like a live coal. Pkt., 15c; 2 pkts., 25c.

**804. Chrysanthemum—Flowered.** Dwarf mixed; large, handsome flowers. Pkt., 15c; 2 pkts., 25c.

**805. Heart of France.** The best pure red Aster ever introduced—illustrated below; flowers large and full; plants branching in type and robust in habit. Pkt., 15c.

**806. White Ostrich Plume.** Without doubt one of the finest asters grown. Large, graceful flowers, free from all stiffness; very suitable for cut flowers. Pkt., 10c.

**807. Model Ostrich Plume.** A new distinct variety; bright rose colored flowers. Pkt., 15c; 2 pkts., 25c.

**808. White Perfection.** The finest midseason white aster in cultivation. The flowers are four inches in diameter, of fine form and produced on tall upright stems. Pkt., 10c.

**809. New Japanese.** A very striking variety. Tassel-shaped flowers. Pkt., 10c.

**810. Snowball.** The best dwarf, white aster. A profuse bloomer; snow-white flowers of immense size. Pkt., 15c.

**810½. Peach Blossom.** A decided and most pleasing shade of lavender pink. The flowers are large and thick and have a massive effect. Pkt., 10c; 2 pkts., 15c.

**811. Daybreak.** Delicate pink, globe-shaped. Pkt., 10c.

**811½. Pink King.** Entirely distinct in form from any other variety; petals somewhat quilled, the center ones being curled, completely covering the crown. Pkt., 15c.

**812. Alice Roosevelt.** Large yellow flowers changing to flesh color. Pkt., 10c.

**812½. Silver Rose.** A robust, long stemmed, large flowering new variety. Ashes of Roses exactly describes the color of this new aster. Pkt., 15c; 2 pkts., 25c.

**813. Violet King.** Handsome, violet-colored. Pkt., 15c.

**814. White Hercules.** Strong stems 15 to 20 inches high; white flowers 6 to 7 inches in diameter. Pkt., 15c.

**815½. Royal Purple.** Early flowering. Pkt., 15c.

**816. Purity.** Large double flowers, of fine form and pure snowy whiteness. To secure the largest flowers, plant early in spring. Pkt., 10c; 2 pkts., 15c.

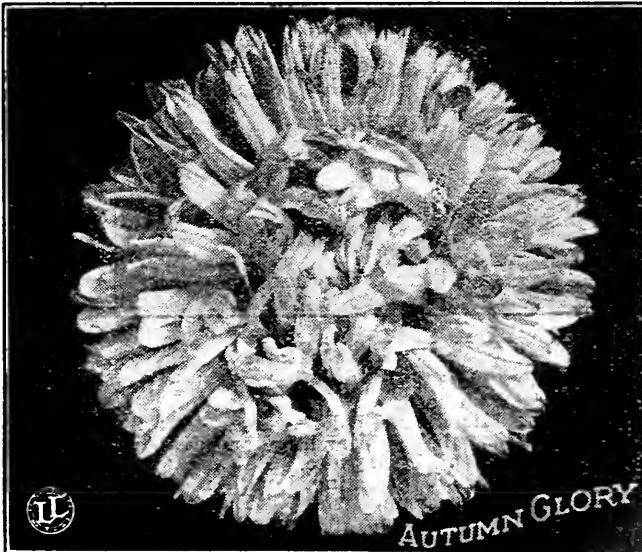
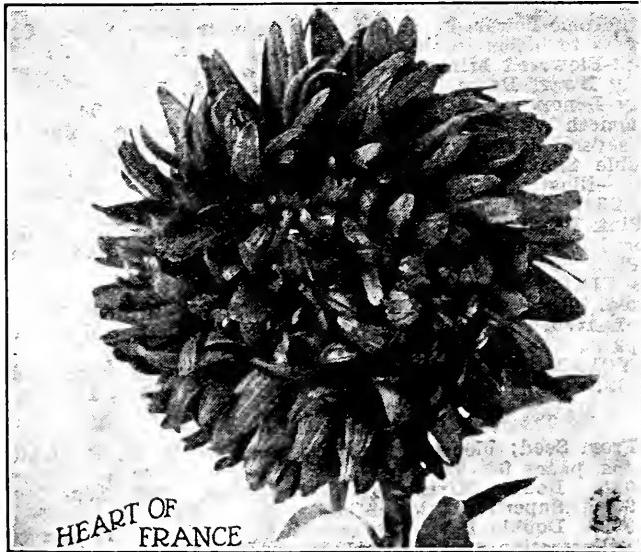
**816½. Pink Enchantress.** A very attractive, new variety. The flowers are large and full; borne on long, graceful stems. The color is a soft delicate pink and usually lasting. Pkt., 10c; 2 pkts., 15c.

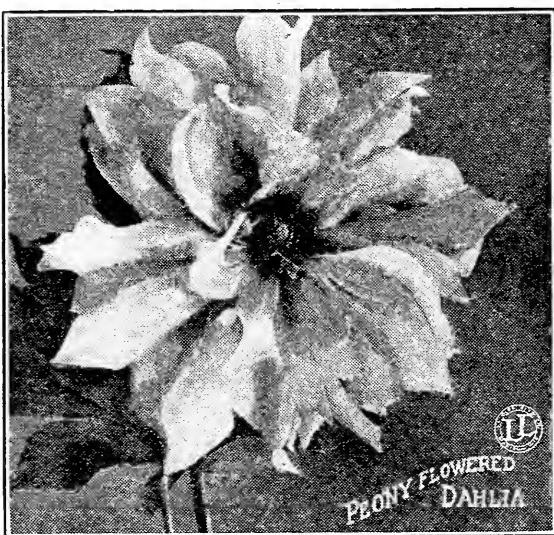
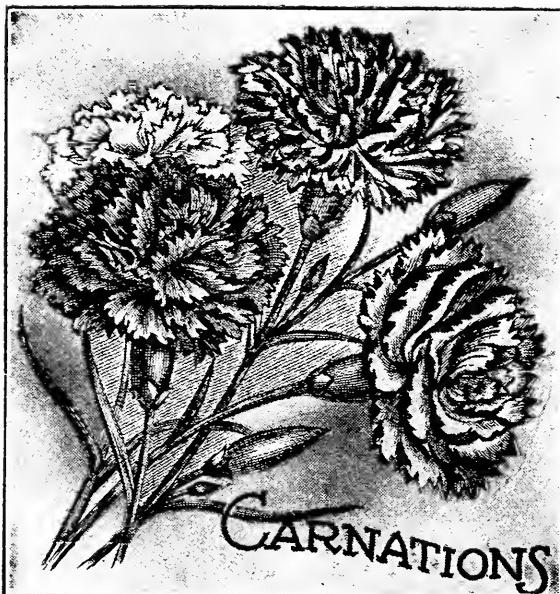
**818. Mikado Pink.** A new variety, recently chosen the representative flower of the city of Rochester, N. Y., and probably the most popular Aster of today. Long graceful stems, producing large, lavender pink flowers. Pkt., 10c.

**819. Upright Pink.** A single plant of this variety is a bouquet in itself. When the flower first opens it is almost white, shading to a decided lavender pink. Pkt., 10c.

**819½. Autumn Glory.** A beautiful shell pink late branching variety—illustrated below. The Autumn Glory comes uniformly true to color and type. Flowers are double, borne on long stems. Pkt., 20c.

**ASTER PLANTS.** We can furnish Giant Comet Mixed Aster plants, in season. Doz., 35c; 50 for \$1.10.





### DAISIES.

One of the most charming early spring flowers; very easily raised from seed.

- 940. Fine Mixed. All colors. Pkt., 10c; 2 pkts., 15c.
- 941. New Snowball. Very large and double. Pkt., 10c.
- 942. The Bride. Pure white. Pkt., 10c; 2 pkts., 15c.
- 943. Delicata. White, tinged with rose. Pkt., 10c.
- 943½ Arctotis. The Blue-eyed Daisy. Pkt., 5c.
- 944. Shasta. Large graceful flowers. Pkt., 10c.
- 944½. Golden Orange Daisy. Page 87. Pkt., 5c.

### COSMOS—DOUBLE CROWNED AND CRESTED. Pkt., 25c.

#### CANDYTUFT.

One of the most popular flowers grown; fine for beds or edgings.

- 885. Olds' Choice Mixed. A fine assortment of sorts and colors mixed. We have been very careful with this mixture. Pkt., 5c.

- 886. Giant Empress. A new sort. Flowers borne on long spikes. Pure white. Pkt., 10c; 2 pkts., 15c.

- 888. Dwarf Hybrids Mixed. Dwarf and compact. Pkt., 10c.

- CANNA. (890.) Crozy's Best Mixed. Pkt., 10c. Page 84.
- CANTERBURY BELLS (Campanula Medium). Handsome, rich and stately; profuse bloomers. B.

- 895. Mixed. Best single and double varieties. Pkt., 5c.

- CARDINAL CLIMBER. Very beautiful and most desirable. H. A.

- 898. Bright Red. Considered the most beautiful climber ever introduced. It is a strong rapid grower, producing flowers borne in clusters. Packet, containing about 20 seeds, 10c; 2 pkts., 15c.

- CARNATIONS. From seed. Carnations will bloom in about four months after sowing—seed sown in the fall, slightly protected over winter, will produce plants in full bloom early in the spring. H. H. P.

- 900. Marguerite. New Giant; producing large flowers of fine form—illustrated above. Pkt., 10c; 2 pkts., 15c.

- CELOSIA (Cockscomb). Plume-shaped flowers.

- 905. Ostrich Plume. Curled crimson flowers. Pkt., 5c.

- CENTAUREA. Profuse bloomers, suitable for bouquets. H. A.

- 911. Imperialis. A new, sweet-scented Centaurea. Pkt., 10c;

- 912. Americana. Large purple flowers. Pkt., 10c.

#### CHRYSANTHEMUM.

Blooming continually all summer; suitable for pot culture. H. A.

- 915. Mixed. Single and double. Pkt., 5c.
- 916. Snowball. Large, perfect, pure white flowers. Pkt., 5c.

- 917. Dwarf Golden Gem. Compact. Pkt., 5c.

- 918. Dwarf Primrose. Bright primrose. Pkt., 5c.

- COBAEA SCANDENS. One of our finest summer climbers, a very rapid grower. H. H. P.

- 920 Purple. Bell-shaped flowers. Pkt., 10c; 2 pkts., 15c.

#### COSMOS.

A very handsome flower, becoming more popular every year. One of the last flowers to bloom in the fall; fine for vases. H. H. A.

- 925. Giant-Flowered Mixed. Pkt., 5c.

- 926. Early Dwarf Dawn. A new variety. Pkt., 5c.

- 927. Lady Lenox. Giant-flowered pink variety. Pkt., 5c.

- 928. Mammoth White Perfection. An improved variety; fine for vases, keeping several days in water. Pkt., 10c; 2 pkts., 15c.

- 929. Double Snowball. A new, handsome, pure white double-crowned variety—illustrated above; deserving of a place in every flower garden. Pkt., 25c; 2 pkts., 45c.

- 929½. Pink Beauty. Double crowned and crested. The double shell-pink colored crowns, give this flower a very dainty and exquisite appearance. Pkt., 20c; 2 pkts., 35c.

- CYPRESS VINE. A very beautiful climber.

- 930. Mixed. Rose, scarlet and white. Pkt., 10c; 2 pkts., 15c.

- 931. Ivy Leaved. A new scarlet variety with ivy-shaped leaves. Pkt., 15c; 2 pkts., 25c.

- CYCLAMEN. A beautiful pot plant, flowering from seed.

- 933. Giant Flowered. 25 seeds, 15c; 15 seeds, 10c.

#### DAHLIAS.

From Seed; blooming the first season. H. H. P. Dahlia Bulbs, pages 96, 97 and 98.

- 935. Double Mixed. Large flowering. Pkt., 15c.

- 936. Superb Single. Mixed colors. Pkt., 5c.

- 937. Double Peony Flowered. Large flowers from seed. See illustration above. Pkt., 15c; 2 pkts., 25c.



GOLDEN  
ORANGE  
DAISY

944½. Golden Orange DAISY. A new annual for the summer garden. Large, bright, rich, golden-orange colored flowers. Pkt., 5c.

DATURA. Showy trumpet-shaped flowers. H. A.  
945. Cornucopia (Horn of Plenty). Pkt., 10c.

### DIANTHUS.

One of the most bountiful bloomers the garden can contain; blooming the first summer and also the second if protected over winter. Illustrated above. H. B.

950. Double Chinese. Extra choice. Pkt., 5c.  
951. Single Chinese. Extra fine. Pkt., 5c.  
952. Imperialis fl. pl. Mixed colors. Pkt., 5c.  
953. Little Gem. With carmine eye. Pkt., 5c.  
955. Snowdrift. One of the most beautiful pinks ever introduced. Pkt., 10c; 2 pkts., 15c.

956. New Japanese Pink. A new variety producing very large flowers; laced and fringed. Pkt., 5c.

957. Plumarius. Clove Pink. H. P. Pkt., 10c; 2 pkts., 15c.

DIGITALIS (Foxglove). A very handsome ornamental plant, succeeding under almost all conditions. H. P.

958. Gloxiniaeflora Mixed. All colors. Pkt., 5c.

DOLICHOS (Hyacinth Bean). A rapid climber.  
960. Mixed. Very striking. Pkt., 5c.

964. New White Bush. Will succeed anywhere, very ornamental and blooms from July until frost. Pkt., 5c.

EVERLASTING FLOWERS. Beautiful flowers of a great variety of color. H. A.

965. Helichrysum. Very fine. Pkt., 10c.

FORGET-ME-NOT (Myosotis). Everybody's favorite. Star-like flowers. Blooming first year.

970. Mixed. Many colors. Pkt., 10c; 2 pkts., 15c.

FOUR O'CLOCK (Marvel of Peru). H. A.

975. Fine Mixed. Pkt., 5c.

FUCHSIA (from seed). A well-known plant.

980. Double Mixed. Pkt., 15c; 2 pkts., 25c.

GAILLARDIA (Blanket Flower). Very desirable for masses, borders and for cutting. H. H. A.

985. Double Mixed. Round as a ball. Pkt., 5c.

GERANIUMS. From Seed. Blooming plants can be grown, from seed the first year.

987. Single Mixed. Large flowering. Pkt., 15c.

GODETIA. Constant bloomers, very attractive, and well adapted to any soil.

990. Finest Mixed. Sure to please. Pkt., 5c.

### GOURLDS.

Ornamental. Also useful as well as ornamental. T. A. See page 67 for other useful sorts.

995. Mixed. Many sorts. Pkt., 5c.

996. Chinese Bottle. Useful and ornamental. Pkt., 5c.

997. Genuine Pipe. Comes true to name. Pkt., 5c.

HIBISCUS. A perennial; blooms the first year.

998. New Giant-flowering. Enormous flowers, 10 to 12 inches in diameter; colors, rich dark red, soft mallow-pink and pure white. Pkt., 5c.

HELIOTROPE. From seed the first year. Produces delicate blue and white flowers the entire season; very fragrant. H. H. P.

1000. Choice Mixed. Pkt., over 500 seeds, 10c.



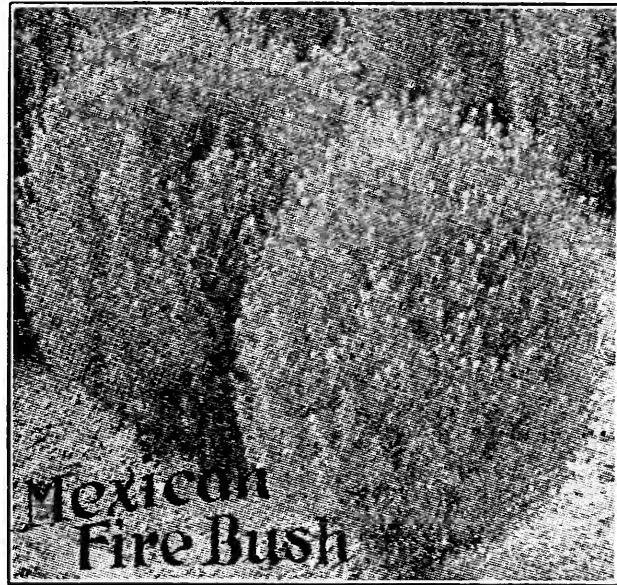
DIANTHUS

HOLLYHOCK. A perennial. Seed sown in June or July will produce plants that will bloom early the next summer.

1005. Double Mixed. Producing the largest flowers. Pkt., 10c; 2 pkts., 15c.

HUMULUS (Japanese Hop). A rapid growing climber. H. A.

1010. Japonicus. Withstands heat, drought and insects. Pkt. of over 50 seeds, Pkt., 5c.



Mexican  
Fire Bush

Mexican Fire Bush. Pkt., 5c.

KOCHIA. (Mexican Fire Bush). One of the most beautiful hedge plants ever introduced. See illustration. H. A.

1013. A rapid grower, producing globe-shaped bushes of finely cut green leaves and stems, which in the early fall change in color to a rich carmine. Pkt., 5c.

LARKSPUR, Tall Rocket. One of the best known of our garden flowers.

1015. Fine Mixed. Best annual varieties. Pkt., 5c.

1017. Belladonna. Blue Hybrids. H. P. Pkt., 20c.

LATHYRUS (Everlasting Peas). Attractive. H. P.

1020. Latifolius Mixed. Pkt., 10c; 2 pkts., 15c.

LOBELIA (Cardinal Flower). For edgings.

1025. Mixed. Dwarf varieties. Pkt., 10c.

MARIGOLD. Very effective for beds or borders. of easy culture. H. H. A.

1030. Mixed. Dwarf French. Pkt., 5c.

### MIGNONETTE.

A great favorite; sweet and fragrant. H. A.

1035. Pure Machet. An extra fine strain. Dwarf and compact. Pkt., 5c.

1036. Yellow Prince. Large canary-yellow flowers; dwarf and compact. Pkt., 10c; 2 pkts., 15c.

1037. White Pearl. This is a new variety; white-flowered machet. Pkt., 10c; 2 pkts., 15c.

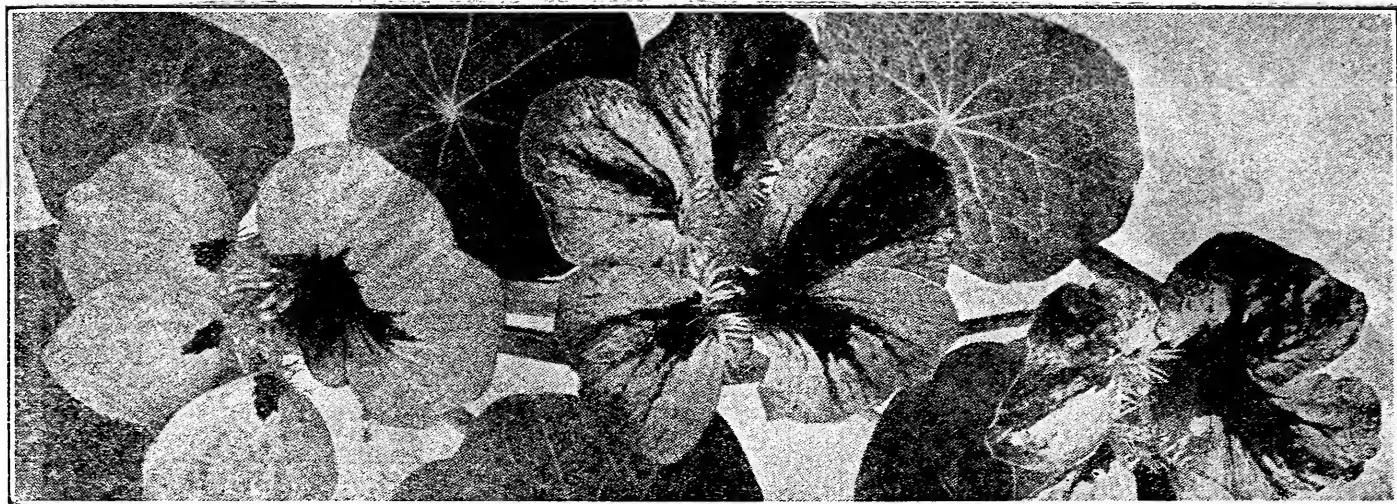
MOONFLOWER (*Ipomoea Noctiflora*).

1040. White Seeded. Pkt., 10c; 2 pkts., 15c.

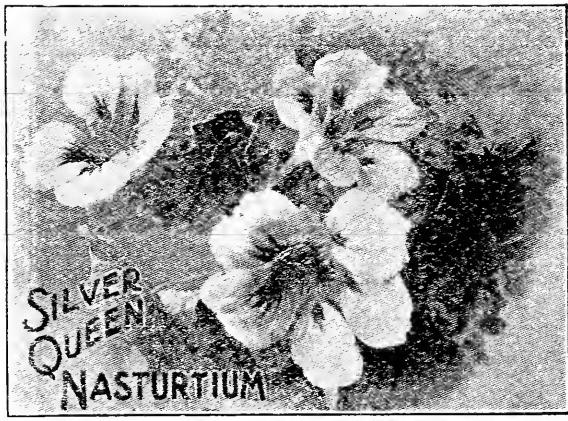
1041. White. Ivy leaved. Pure white. Pkt., 15c.

1042. Pink. Ivy leaved. Rosy pink. Pkt., 10c.

Where food will not grow, grow flowers. Don't plow up the lawn.



## DWARF NASTURTIUMS.



## TALL NASTURTIUMS.

The tall varieties are suitable for trellis, porch or veranda decorations, or can be grown without support. No flower is more attractive or brighter than these.

1060. Tall Mixed. The finest assortment. Pkt., 5c; oz., 15;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.

1061. Scarlet Beauty. Variegated-leaved. Pkt., 10c; 2 pkts., 15c; oz., 25c;  $\frac{1}{4}$  lb., 70c.

1062. Crimson Beauty. Variegated-leaved. Pkt., 10c; 2 pkts., 15c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00.

1063. Ivy Leaved. A new, distinct variety; ivy-shaped leaves. Pkt., 10c; 2 pkts., 15c; oz., 25c;  $\frac{1}{4}$  lb., 65c.

## MORNING GLORIES.

The Finest Annual Climbers in Existence. We take delight in our Morning Glories.

1045. Imperial Japanese. Wonders of nature. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00.

1046. Dwarf Mixed. Pkt., 5c; oz., 25c.

1047. Tall Mixed. A rapid climber. Pkt., 5c; oz., 20c.

NICOTIANA. Bushy plants laden with bright red flowers; of easy culture.

1070. Sanderae. Hardy Annual. Pkt., 5c.

PANSIES. Giant Prize and other varieties, with illustrations—page 89.

## PETUNIAS.

The Petunia is the people's flower. Very showy in beds and masses; a universal favorite on account of its richness of color, fragrance and continuous blooming. H. H. A.

1100. OLDS' FINEST MIXED. Everybody loves petunias—they are such free bloomers, but many are often disappointed because the flowers are so small. Olds' Finest Mixed produces the largest flowers—see illustration opposite. Pkt., 25c.

1101. Fine Mixed. Large flowers of the finest colors mixed. Pkt., 20c; 2 pkts., 35c.

1102. Choice Mixed. A free bloomer, producing in great abundance, bright flowers. Pkt., 10c; 2 pkts., 15c.

1105. Snowball. Pure satiny white flowers, suitable for edgings. Pkt., 15c; 2 pkts., 25c.

1106. Giant Excelsior. A new large-flowering variety. The Excelsior is a strong, vigorous grower, producing large flowers in a grand variety of colors. Pkt., 25c; 2 pkts., 45c.

1109. Double Mixed. Very handsome large flowers. Pkt. (30 seeds), 20c; 2 pkts., 35c.

## CLIMBING NASTURTIUMS.

Flowers are borne in great profusion.

1065. Lobbs' Mixed. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.45.

1066. Madam Gunther's Hybrids. A new sort, very choice. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

One-quarter pound of any Nasturtium at three times the cost of one ounce when not otherwise mentioned, 1 lb.,  $3\frac{1}{2}$  times cost of  $\frac{1}{4}$  lb. See our market gardeners' net price list (free on request), for market gardeners.





## OLDS' GIANT PRIZE PANSIES.

Finest Selection of Pansies that can be found anywhere. Choice pansy seed is our greatest specialty in Flower Seeds—nothing is more important in our select list, and we have spared no trouble or expense to have the very best. Our packets contain about 150 seeds each. **PANSY PLANTS**, in season—page 99.

**1075. OLDS' GIANT PRIZE MIXED.** This seed produces the largest, richest and best formed flowers of any we have ever offered, and we believe, from our own trials, there is no better pansy mixture to be had anywhere or at any price—see illustration above, a photograph reduced in size. Pkt., 25c; 3 pkts., 60c; 6 pkts., \$1.00.

**1076. INTERNATIONAL MIXED.** A very fine mixture of pansy seed, gathered from all nations: saved from named exhibition flowers. The usual price of this mixture is 25 cents per packet. Pkt., 20c; 3 pkts., 50c; 7 pkts., \$1.00.

**1077. OLDS' LARGE FLOWERING.** A superb mixture, producing large flowers, of a great variety of charming colors—the best old German varieties mixed. Pkt., 15c; 2 pkts., 25c; 5 pkts., 50c.

**1078. OLDS' ROYAL MIXED.** A choice mixture of English large-flowering varieties; including the newest, richest and finest sorts. Pkts., 10c; 2 pkts., 15c.

Any one sending us the names of ten prospective buyers can have a packet of No. 1078 free in addition to their order—please mention it when ordering. This is in addition to any other offer.

**1079. GIANT TRIMARDEAU MIXED.** Large flowers; rich and varied shades. Each flower is marked with three large blotches. Pkt., 10c; 2 pkts., 15c.

**1080. MASTERPIECE.** A new, distinct variety; large, beautifully colored flowers. The petals are frilled and ruffled, giving the flower a unique double appearance. Pkt., 15c; 2 pkts., 25c.

**1083½. MARCH FLOWERING.** These pansies are very desirable, owing to the extreme hardiness of the plants and their early flowering habit. The plants will winter in the open ground, with slight protection; flowering early and in great profusion. Pkt., 15c; 2 pkts., 25c.

**1084. APPLE BLOSSOM.** Orchid Flowered. A distinct large flowering variety, with perfectly formed delicate pink apple-blossom flowers. Pkt., 20c; 2 pkts., 35c.

## BEDDING PANSIES.

**1085. SNOW QUEEN.** Pure white, center slightly tinged with yellow. Pkt., 10c; 2 pkts., 15c.

**1086. FAUST.** King of the blacks. Pkt., 10c; 2 pkts., 15c.

**1087. GOLDEN GEM.** Golden yellow, without black center. Pkt., 10c; 2 pkts., 15c.

**1088. SUNSHINE.** Striped and mottled. Pkt., 10c; 2 pkts., 15c.

One pkt., each and 1 pkt. Royal Mixed, amounting to 50c, for 45c.

## WHITE HOUSE PANSIES.

Named sorts. Of the largest size, finest form and good substance.

**1090. PRESIDENT MCKINLEY.** Very effective. Black, bordered with yellow. Pkt., 15c; 2 pkts., 25c.

**1091. GIANT PURE WHITE.** Large, pure white flowers, without blotches. Pkt., 15c; 2 pkts., 25c.

**1092. BLACK PRINCE.** Giant jet black flowers. Pkt., 15c.

**1093. GOLDEN QUEEN.** Large, pure golden yellow, shaded with canary. Pkt., 15c; 2 pkts., 25c.

**PETUNIAS.** The people's flower. See page 88.

## PHLOX DRUMMONDII.

**1110. OLDS' FINEST MIXED.** Every one is attracted by a showy flower—there are none more brilliant than our Finest Mixed Phlox. Pkt. 10c; 3 pkts., 15c.

**1111. Grandiflora Mixed.** Large-flowering varieties. Pkt., 10c.

**1112. Drummondii Fine Mixed.** Pkt., 5c.

**1113. New Dwarf Cicilly.** Large red and purple flowers, with a distinct white eye. Pkt., 15c; 2 pkts., 25c.

**1114. Starred and Fringed.** A distinct variety; star-like flowers. Pkt., 10c; 2 pkts., 15c.

**1116. New Yellow.** Flowers extra large; of a rich straw yellow. Pkt., 10c; 2 pkts., 15c.

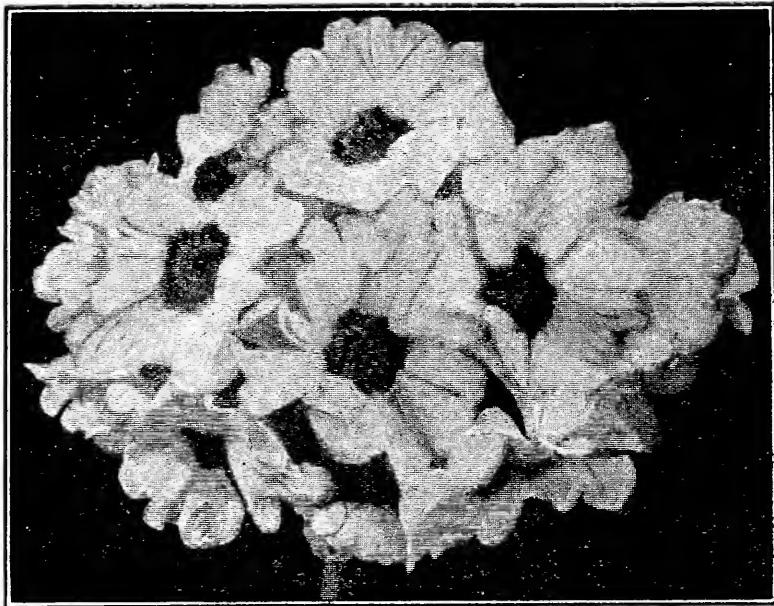
**1117. Snowball.** Flowers pure white; resembling snowballs. Pkt., 15c; 2 pkts., 25c.

## HOUSE PLANTS FROM SEED.

**Collection Offer.** Six of the finest sorts, all easily grown from seed. The work is interesting and fascinating. Each seedling plant will be an entirely new variety and each packet of seed will produce many plants. Full directions enclosed.

For 75c we will send one packet each of the following, amounting at regular prices to 90c.

850. Asparagus Fern. ....	.15	987. Single Geranium. ....	.15
933. Giant Cyclamen. ....	.10	1000. Mixed Heliotrope. ....	.10
980. Double Fuchsia. ....	.15	1139. Chinese Primrose. ....	.25



Primula-Obconica Grandiflora. Pkt., 20c.



1120. Olds' Finest Mixed. Pkt., 5c.

### **POPPIES.**

Great favorites with everybody—greatly improved varieties.  
1120. Olds' Finest Mixed. Very large flowers, of good form and substance. Pkt., 5c.

- 1121. Improved Carnation. Double mixed. Pkt., 5c.
- 1122. Reselected Shirley. Compact. Pkt., 10c.
- 1123. White Swan. Double white; very effective. Pkt., 5c.
- 1124. Double Yellow. A new color. Pkt., 10c; 2 pkts., 15c.
- 1126. Admiral. A striking variety; large, smooth-edged flowers; white, with a broad band of brilliant scarlet. Pkt., 5c.
- 1127. White Oriental. A new variety. H. P. Pkt., 20c.
- 1127½. Eldorado. A novelty; entirely distinct from the old line of poppies. Large semi-double, salmon colored flowers. Beautiful in form and color. Large pkt., 10c; 2 pkts., 15c.
- 1128. Iceland Mixed. Beautiful and fragrant. Pkt., 10c.
- 1128½. Red Oriental. H. P. A very striking color. Very few flowers have the gorgeous coloring of the Oriental Poppy—see illustration opposite. Pkt., 10c.
- 1129½. King Edward. Deep scarlet with a large blotch at the base of each petal. Pkt., 10c; 2 pkts., 15c.

**PORTULACA.** Unrivaled for beauty. H. A.  
1130. Double Flowering. A fine assortment. Pkt., 10c.  
1131. Single Mixed. All colors. Pkt., 5c.

### **PRIMULA.** Chinese Primrose.

Easily grown from seed. Sow early and transplant.  
1135. Large Flowering. Mixed. Pkt., 25c; 2 pkts., 45c.  
1137. Giant Pink. Best pink. Pkt., 25c; 2 pkts., 45c.  
1138. Giant White. Best white. Pkt., 25c; 2 pkts., 45c.  
1139. Obconica. Grandiflora mixed. Illustrated above. Pkt., 25c.  
**RICINUS.** (Castor Oil Bean). Tall-growing ornamental plants; useful as centers for beds.

- 1140. Mixed. 6 to 15 ft. high. Pkt., 5c.
- SALPIGLOSSIS (Velvet Flower). A great favorite. H. H. A.  
1145. Fine Mixed. Very ornamental. Pkt., 10c; 2 pkts., 15c.

### **SALVIA SPLENDENS.**

Flowering Sage. A very popular, H. H. P.  
1150. Scarlet Sage. Brilliant flowers. Pkt., 15c; 2 pkts., 25c.  
1151. Fireball. Covered with brilliant spikes; flowers resembling balls of fire. Pkt., 20c; 2 pkts., 35c.  
1152. Patens. Bright blue flowers. Pkt., 25c; 2 pkts., 45c.  
1153. Bonfire. The most effective and gorgeous plant in cultivation. Pkt., 15c; 2 pkts., 25c.  
1154. Ostrich Plume. A splendid new variety covered with gorgeous plumes of the brightest color. Pkt., 25c; 2 pkts., 45c.

**SALVIA PLANTS.** We can also furnish Salvia plants, in season. Doz., 35c; 50 for \$1.10.

**SCABIOSA** (Mourning Bride). Splendid border plants. H. A.  
1155. Double Mixed. Large flowering. Pkt., 5c.  
1156. Snowball. Best double white. Pkt., 5c.  
1157. Golden Yellow. A desirable color. Pkt., 10c.

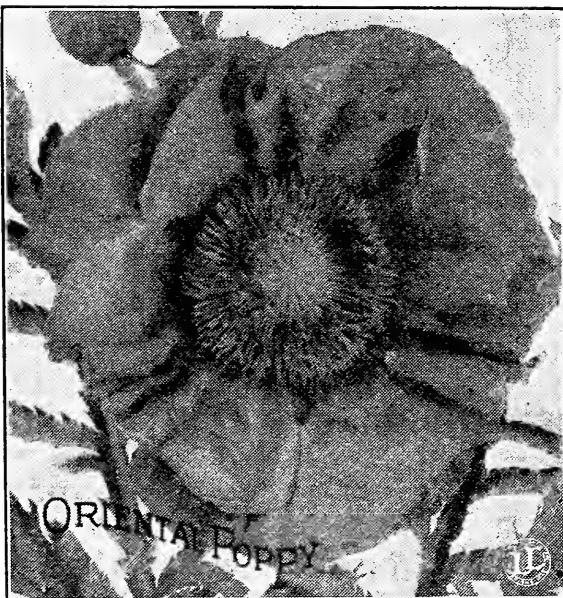
**SCHIZANTHUS** (Butterfly Flower). H. A.  
1160. Mixed. Very picturesque. Pkt., 5c.  
**SENSITIVE PLANT** (Mimosa Pudica). Curious plants. H. A.  
1163. Leaves close and droop at the slightest touch; pinkish-white flowers. Pkt., 5c.

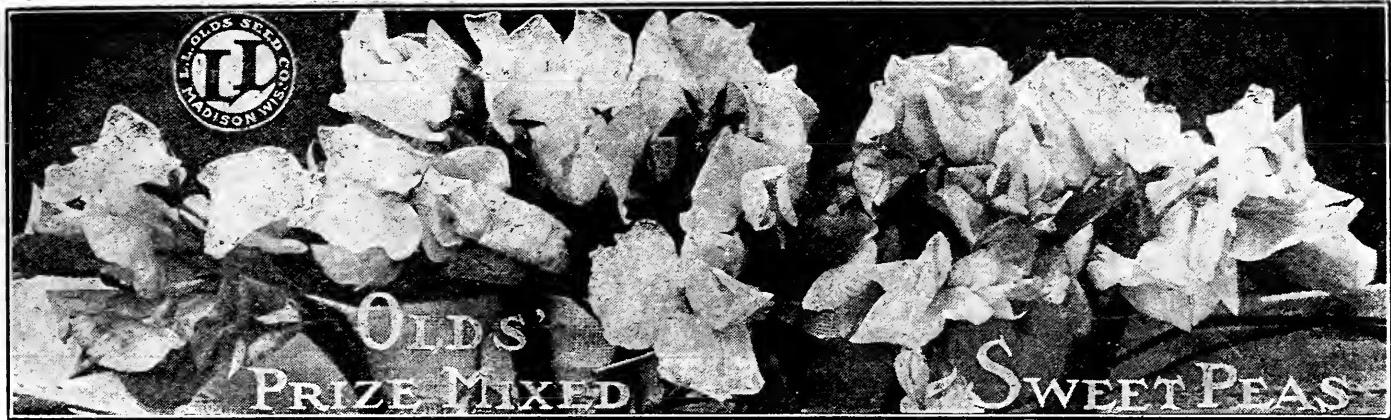
**SMILAX.** The finest thing out. T. A.  
1165. Fine for hanging baskets. Pkt., 10c; 2 pkts., 15c.

### **STOCKS.**

Large Flowering, Ten Weeks. Prized for their fine display of color. H. H. A.

- 1170. Finest Mixed. Choice colors. Pkt., 10c; 2 pkts., 15c.
- 1171. White Princess. Best white. Pkt., 10c; 2 pkts., 15c.
- 1172. Primrose. Best large primrose. Pkt., 10c; 2 pkts., 15c.





**OLDS'  
PRIZE MIXED**

**SWEET PEAS**

**OLDS' PRIZE MIXED.**

1200. This mixture is from the best, newest, largest-flowering sorts,—Giants of California,—and is unsurpassed. The seed has been carefully grown from selected stocks. It includes also Eckford's latest introductions. There are no better colors offered in any collection. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

**SPENCER VARIETIES.**

1203. **MIXED.** This mixture is made up of the best, newest and largest flowering Spencer varieties. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 70c; lb., \$2.50.

1203 $\frac{1}{2}$ . **KING WHITE.** A new variety. (Illustrated opposite). A great improvement in form, size, vigor and purity. Pkt., 15c; 2 pkts., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.75.

1205. **WHITE.** Large pure white flowers, of the Countess Spencer type; the flowers are of good substance and keep well after being cut. Pkt., 10c; 2 pkts., ( $\frac{1}{2}$  oz.), 15c; oz., 35c;  $\frac{1}{4}$  lb., \$1.20; lb., \$4.50.

1212. **PRIMROSE.** Large primrose-colored flowers, a fitting companion to White Spencer; flowers well placed on long thick stems. Pkt., 15c; 2 pkts., ( $\frac{1}{2}$  oz.), 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.75.

1217 $\frac{1}{2}$ . **MRS. ROUTZAHN.** Cream with a decided rose edge. Price, same as for Primrose Spencer.

1218 $\frac{1}{2}$ . **AURORA.** Orange roes striped on white ground. Pkt., 15c; 2 pkts., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.75.

1219 $\frac{1}{2}$ . **QUEEN VICTORIA.** A very fine soft yellow. Pkt., 15c.

1225 $\frac{1}{2}$ . **APPLE BLOSSOM.** Crimson pink and white shaded. Price, same as for Primrose Spencer.

1234 $\frac{1}{2}$ . **COUNTESS SPENCER.** Bright, clear pink; large blossoms. Price, same as for Primrose Spencer.

1237 $\frac{1}{2}$ . **FIERY CROSS.** Fiery Cross has all the appearance of live fire. The color is a bright fire red, without any shading. It glitters in the bright sunshine, and does not scorch or burn. Pkt., 25c; 2 pkts., 45c.

1238 $\frac{1}{2}$ . **KING EDWARD VII.** The best dark rich red. Price, same as for Primrose Spencer.

**COLORS MIXED.** Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

1264. **BEST PURE WHITES.** Blanche Burpee, etc.

1265. **LIGHT SHADES.** Dainty, Modesty, etc.

1266. **LAVENDER AND LIGHT BLUE.** Lottie Eckford, etc.

1267. **SHADES OF PINK.** Apple Blossom, Janet Scott, etc.

1268. **SHADES OF RED.** Her Majesty, Mars, Salopian, etc.

1269. **BLUE AND PURPLE.** Captain of the Blues, etc.

1270. **DARK SHADES.** Black Knight, Shahzada, etc.

**LATER INTRODUCTIONS.** Pkt., 10c; 2 pkts., ( $\frac{1}{2}$  oz.), 15c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00.

**PURE WHITE.**

- 1206. Blanche Burpee.
- 1207. Emily Henderson.
- 1209. Dorothy Eckford.
- 1210. White Wonder.
- 1211. Nora Unwin.

**LIGHT SHADES.**

- 1213. Dainty.
- 1214. Modesty.
- 1214 $\frac{1}{2}$ . Lady Mary Currie.
- 1215. Evelyn Byatt.
- 1215 $\frac{1}{2}$ . Mrs. Eckford.
- 1216. Golden Rose.
- 1216 $\frac{1}{2}$ . Aurora.
- 1217. Mrs. Jos. Chamberlain.
- 1218. Senator.
- 1219. Stella Morse.
- 1220. Countess of Radnor.

**LAVENDER and LIGHT BLUE.**

- 1220 $\frac{1}{2}$ . Lottie Eckford.
- 1221. Helen Pierce.
- 1222. Dorothy Tenant.
- 1223. Frank Dolby.
- 1224. Lady Grisel Hamilton.
- 1224 $\frac{1}{2}$ . New Countess.

**SHADES OF PINK.**

- 1225. Apple Blossom.
- 1226. Janet Scott.
- 1227. Blanche Ferry.
- 1228. Gladys Unwin.
- 1229. Mrs. Alfred Watkins.
- 1230. Katherine Tracy.
- 1231. Blanche Ferry Ex. Early.
- 1232. Lovely.
- 1233. Prima Donna.
- 1234. Firefly.

**SHADES OF RED.**

- 1235. Her Majesty.
- 1236. E. J. Castle.
- 1237. Mars.
- 1238. Salopian.
- 1239. King Edward VII.
- 1239 $\frac{1}{2}$ . America.

**BLUE AND PURPLE.**

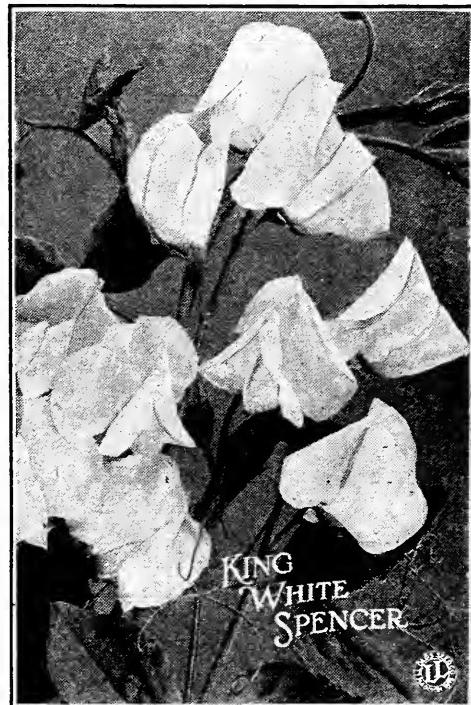
- 1240. Captain of the Blues.
- 1241. Navy Blue.
- 1242. Countess of Cadogan.
- DARK SHADES.**
- 1245. Black Knight.
- 1246. Shahzada.
- 1247. Black Michael.
- 1248. Othello.
- WINTER FLOWERING.**
- 1204. Extreme Early Varieties.

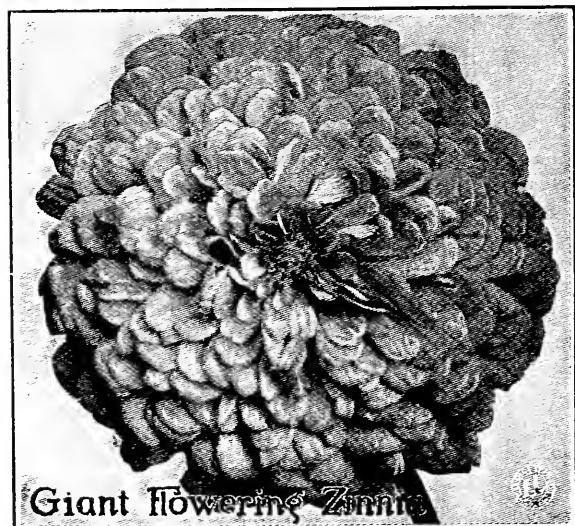
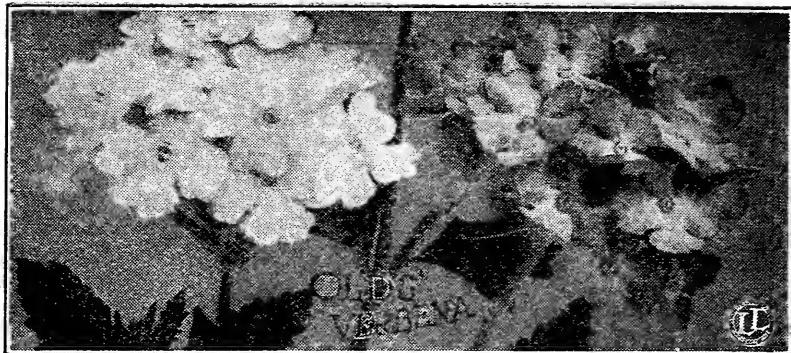
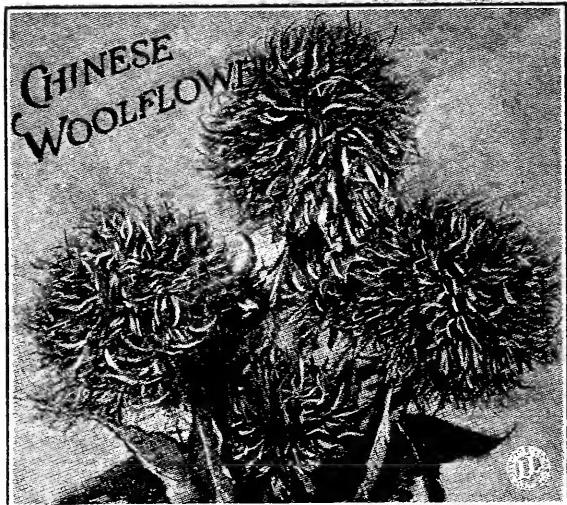
**OLD-FASHIONED GARDEN MIXTURE.**

For the sake of the old folks, who love the old-fashioned flowers, and for the value of the flowers themselves, you should never have a garden without some of the following: Bachelor's Button, Balsam, Candytuft, Hollyhock, Larkspur, Mignonette and others. Pkt., ( $\frac{1}{8}$  oz.), 10c; 2 pkts., 15c.

We know this Flower Seed Mixture including those named and many others will satisfy. But if Discount offer mentioned on page 84, is not taken, we will, providing the order amounts to 50 cents or more, give free on request, a full sized packet of Old Fashioned Garden Mixture.

**"OLDS' CATALOG TELLS THE TRUTH."**





#### MIXED ANNUALS.

Many of our best flowers are annuals, easily raised from seed. If the seed is sown early in spring the plants rapidly attain perfection and bloom the same season. Those who wish a display of bright flowers, easily grown from seed the first season, should order some of our Mixed Annuals. Pkt. ( $\frac{1}{4}$  oz.), 10c; oz., 35c.

If your order should be less than \$1.00 worth of flower seed (in packets), from this catalog, we will give free, on request, a liberal-sized packet of (1350) Olds' Choice Mixed Flower Seed for each 50 cents worth ordered.

Good Crops can be grown only from good seeds. Order \$2.00 worth of packets and remit \$1.50.

#### STOKESIA (Corn Flower Aster).

1175. Cyanea. For borders. Pkt., 10c; 2 pkts., 15c.

**SUNFLOWER.** Desirable for any location.  
1180. Chrysanthemum Flowered. Bright golden yellow, double flowers. Pkt., 5c.  
1181. Double Globe. Double flowers. Pkt., 5c.  
1182. Miniature. Bright and showy. Pkt., 10c; 2 pkts., 15c.  
1183. Double Star Shaped. Pkt., 10c; 2 pkts., 15c.  
1184. New Red. A novelty of merit. The flowers vary in size from 4 to 7 inches across, with a variation of colors. Pkt., 10c.

**SWEET WILLIAM.** Fine for borders. H. P.

1300. Single Mixed. Perfect flowers. Pkt., 5c.

1301. Scarlet Beauty. Deep scarlet. Pkt., 15c.

#### CHINESE WOOLFLOWER.

1303. The most showy garden annual in cultivation—see illustration. A recent introduction from China. The plants grow from two to three feet tall and have immense globe-shaped, crimson-scarlet heads, often two feet in circumference. The flowers cut fresh and carefully dried retain their shape and brilliant color, like everlasting. They are most useful in winter decorating. This new flower is easy to grow and is quite effective in beds or tall borders. Price: Pkt. (about 150 seeds), 15c.

**VERBENAS.** Free-flowering, hardy annuals of low, spreading growth; great favorites—illustrated above.

1305. Olds' Finest Mixed. Largest flowers and the choicest colors. Pkt., 15c; 2 pkts., 25c.

1306. Mammoth Mxd. Large-flowering. Pkt., 15c; 2 pkts., 25c.

1307. Fine Mixed. All fine shades. Pkt., 10c; 2 pkts., 15c.

1310. Mammoth White. Very choice. Pkt., 15c; 2 pkts., 25c.

1311. Defiance. Bright scarlet. Pkt., 15c; 2 pkts., 25c.

1312. Italian Striped. Very showy. Pkt., 15c; 2 pkts., 25c.

**WALLFLOWER.** Fine for cutting. H. H. P.

1315. Single Mixed. Pkt., 5c.

1316. Golden Glory. Rich Gold. Pkt., 5c.

**WILD CUCUMBER.** 1320. Pkt., 5c.

**ZINNIAS.** Large free-flowering plants; always popular, fine for borders. H. H. A.

1325. Superb Double Mixed. Pkt., 10c; 2 pkts., 15c.

1326. Dwarf Snowball. Pure white. Pkt., 15c; 2 pkts., 25c.

1327. Dwarf Fireball. Bright scarlet. Pkt., 15c; 2 pkts., 25c.

1328. Curled and Crested. Pkt., 15c; 2 pkts., 25c.

1329. Fire King. Deep scarlet flowers 3 to 4 inches in diameter. Pkt., 15c; 2 pkts., 25c.

#### NEW GIANT FLOWERED ZINNIAS.

This new strain is the result of many years of selection and hybridizing. The flowers are very large and their shape closely resembles those of the Decorative Dahlias (see illustration), while many of the shades are entirely new. The plants are tall, vigorous and produce flowers freely. We recommend these new Zinnias to all who appreciate something new, distinct and desirable in flowers. One packet each variety 40c.

1332. Giant Flowered Buttercup. A very taking variety. The color is a beautiful shade of yellow. Pkt., 20c; 2 pkts., 35c.

1333. Giant Flowered Victoria. Very large flowers with quite a range of colors. The petals are quilled and twisted and have a pin wheel effect. Pkt., 20c; 2 pkts., 35c.

1335. Giant Flowered Mixed. Large, giant flowers with a wide range of colors and pleasing shades. These Zinnias hold their freshness and beauty a long time. Pkt., 20c; 2 pkts., 35c.

#### MIXED FLOWER SEED.

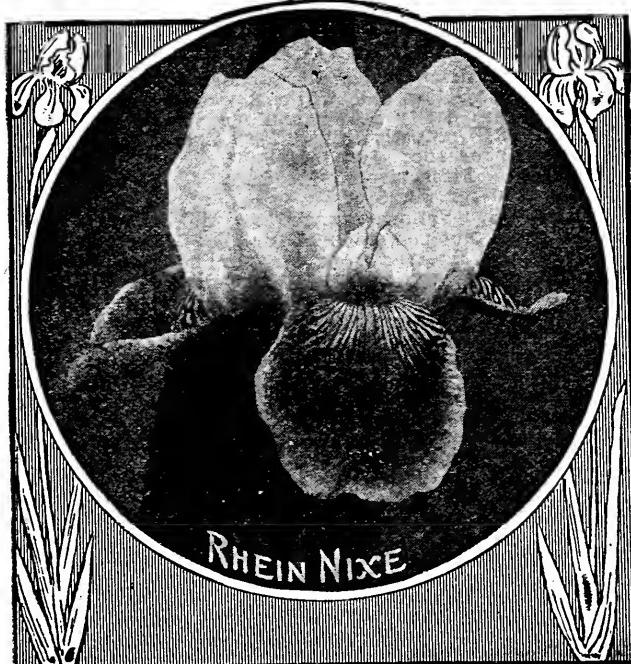
1350. A Whole Garden for 5 cents. This mixture is especially adapted for borders, along walks and for hiding unsightly places. Pkt. ( $\frac{1}{4}$  oz.), 5c; oz., 15c.

#### MIXED PERENNIALS.

Why not have a bed of hardy perennials? It requires but little care when once established, and it will afford a succession of flowers from the earliest springtime throughout the whole season. Those who want such a bed should order one of our large-sized ( $\frac{1}{8}$  oz.) packets of Mixed Perennials. Pkt., 15c; oz., \$1.00.

## A PAGE OF HARDY PLANTS

The kind that live over from year to year. All plants listed on this page are grown by a specialist in hardy perennials. We offer only extra large, strong plants and roots. They should bloom the first season. These prices are post-paid.



### GARDEN IRIS.

The easy culture, wonderful range of colors, and extreme hardiness of the Iris make it a most desirable plant for the hardy garden.

**RHEIN NIXE.** A charming Iris. Standards white. Falls, raspberry purple edged white. Tall. Each, 45c; 3 for \$1.15.

**MADAME CHEREAU.** White edged light blue. Each, 20c; 3 for 55c.

**SAN SOUCI.** Golden Yellow and rich mahogany brown. Each, 20c; 3 for 55c.

**SAPPHO.** Standards frilled white. Falls white veined green and brown with violet border. Each, 25c; 3 for 70c.

**OHELLO.** Dark velvety purple. Each, 20c; 3 for 55c.

**FLAVESCENS.** Soft yellow, fragrant. Each, 20c; 3 for 55c.

**SNOW QUEEN.** Tall Oriental type. Ivory white. Each, 25c; 3 for 70c.

**BLUE KING.** Tall Oriental type. Clear blue. Each, 25c; 3 for 70c.

### OTHER HARDY PLANTS.

**GAILLARDIA.** Showy long-stemmed flowers of crimson, yellow and maroon. Each, 20c; 3 for 55c; 12 for \$1.75.

**HOLLYHOCK.** Chater's Double. We have a wonderful strain of this fine old favorite. Each, 15c; 3 for 40c; 12 for \$1.35.

**DELPHINUM CHINENSE.** Intense gentian blue dwarf larkspur. Each, 25c; 3 for 70c; 12 for \$2.25.

**SWEET WILLIAM.** Mixed Colors. Each, 25c; 3 for 70c.

**SWEET WILLIAM.** Newport Pink. Distinct salmon rose flowers borne in massive heads. Each, 30c; 3 for 85c.

**COREOPSIS.** Golden yellow flowers good for cutting. In bloom all summer. Each, 25c; 3 for 70c; 12 for \$2.25.

**COLUMBINE.** Long Spurred Hybrids. Varied and delicate combinations of color. Do well in sun or shade. Each, 25c; 3 for 70c; 12 for \$2.35.

**PENSTEMON BARBATUS.** Long spikes of brilliant scarlet flowers. Each, 25c; 3 for 70c.

**ACHILLEA.** The Pearl. Double white, free flowering. Each, 20c; 3 for 55c.

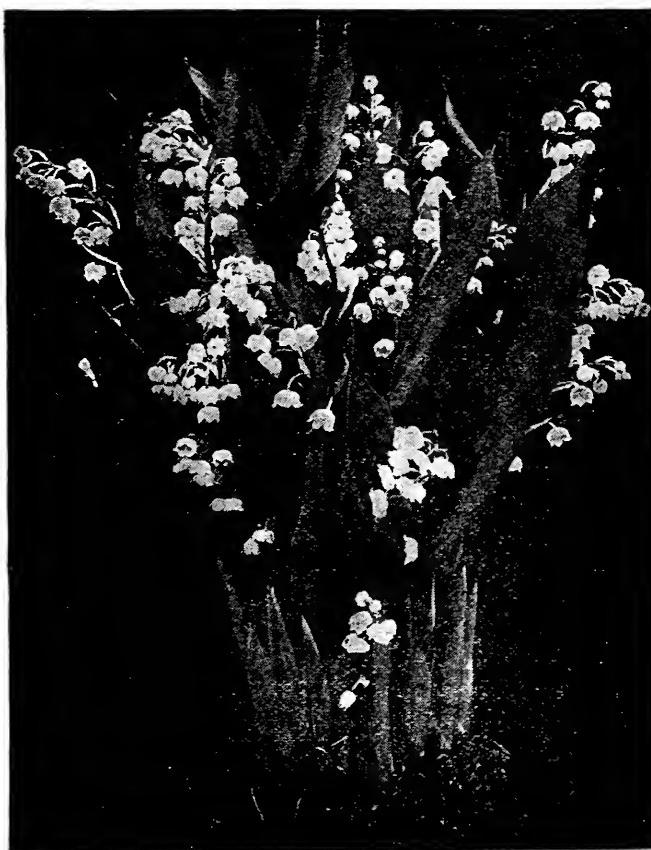
**LEMON DAY LILY.** Tall yellow lily, blooming very early. Each, 25c; 3 for 70c.

**TAWNY DAY LILY.** Tawny orange in color. Very hardy. Each, 25c; 3 for 70c.

**GOLDEN GLOW.** One of the finest hardy yellow plants ever introduced. Grows six to eight feet high with graceful branching habit and pretty foliage. Starts blooming the first season and bears masses of golden yellow double dahlia-like flowers for weeks. Flowers are borne on long graceful stems, just right for cutting. Each, 15c; 3 for 40c; 12 for \$1.35.

**ROSE CAMPION.** Orange scarlet flowers in May and June. Each, 20c; 3 for 55c.

**FALSE DRAGON HEAD.** Forms large clumps three to four feet high, bearing long spikes of delicate pink flowers. Blooms in midsummer. Each, 20c; 3 for 55c.



### LILY OF THE VALLEY.

**LILY OF THE VALLEY.** Sprays of drooping white wax-like fragrant bells. Succeeds in the open ground in any situation but prefers shade. Once established the crowns will increase each year. Good clumps. Each, 30c; 3 for 85c; 12 for \$2.75.

**MEADOW SWEET, PINK and MEADOW SWEET, WHITE.** Herbaceous Spireas. Erect spikes of graceful feathery bloom. Great favorites when once grown. Each, 30c; 3 for 85c.

**HARDY CLOVE PINKS.** Single, sweet-scented flowers in mixed colors. Each, 20c; 3 for 55c.

**CHRYSANTHEMUM LATIFOLIUM.** Large snow white daisy-like flowers. Free blooming and fine for cutting. Resembles the Shasta Daisy but is harder and better. Each, 30c; 3 for 85c.

**GIANT DAISY.** A giant form of the above. Blooms in September. Each, 30c; 3 for 85c.

**CANTERBURY BELLS, (Campanula).** We offer a fine assortment of the Cup and Saucer and the Single types in colors of rose-pink, blue and white. Large strong clumps that will make great pillars of bloom. Biennial. Each, 25c; 3 for 70c; 12 for \$2.25.

**PYRETHRUM.** Single daisy-like flowers in shades of light pink to rosy-red. They will bloom in June and again in August. Long-lasting as cut flowers. Each, 20c; 3 for 55c; 12 for \$2.00.

**RANUNCULUS.** Golden yellow double butter-cups. Each, 20c; 3 for 55c.

**BOLTONIA, PINK.** Large single aster-like flowers completely covering the plant and producing a very showy effect. The tall branching plants make good hedges. Autumn blooming. Each, 25c; 3 for 70c; 12 for \$2.25.

### OTHER PLANTS.

If you do not find what you want listed here, write us for it. The chances are we can supply you. We have many other varieties of the different flowers described above beside adequate stocks of such perennials as Alyssum Saxatile, Anchusa, Arabis Alpina, Bocconia, Peach-leaved Bell-flower, Snow-in-Summer (Cerastium), Tall Delphinium, Gypsophila, Helenium, Hemerocallis in variety, Hibiscus, Rose Loose-strife, Monarda, Platycodon, Mixed Hardy Phlox and Peonies in a large number of separate sorts. Write for special quotations if interested. Large orders for landscape planting solicited. We can handle them efficiently.

For Pansy and Aster plants see page 99.

# SUMMER FLOWERING BULBS

Planted in spring will bloom all summer. There is no reason why every one should not plant a few Gladiolus and Dahlia Bulbs. They are as easily raised as potatoes, and when once given a trial will not be dispensed with. Leaflet on Gladiolus culture, free on request.

## OLDS' GLADIOLI.

The Gladiolus ranks first among all summer flowering bulbs. The tall stately red, yellow and white flower spikes are very magnificent. They are easily grown and inexpensive.

**SELECT MIXTURE.** Mostly light. First size, 6 for 30c; 12 for 50c. Not postpaid: 12 for 40c; 100 for \$3.00.

**STANDARD MIXTURE.** First size, 5 for 25c; 12 for 40c. Not postpaid: 12 for 30c; 100 for \$2.25.

**PRIMULINUS HYBRIDS.** Yellow, orange and pink shades. First size, 6 for 25c; 12 for 45c. Not postpaid: 12 for 35c; 100 for \$2.65.

**AMERICA.** One of the finest for cutting or bedding; color a beautiful soft flesh pink; perfect in growth and habit. First size bulbs, 6c each; 6 for 30c; 12 for 55c. Not postpaid: Doz., 45c.

**AUGUSTA.** A lovely pure white variety. Strong, straight spikes often having two or three branches. First size bulbs, 7c each; 6 for 35c; doz., 60c. Not postpaid: Doz., 50c; 100 for \$3.65.

**MAY.** A good forcing variety. Spikes, with pure white flowers, flaked with bright crimson. First size bulbs, 10c each; 6 for 50c; 12 for 95c. Not postpaid: Doz., 85c; 100 for \$6.50.

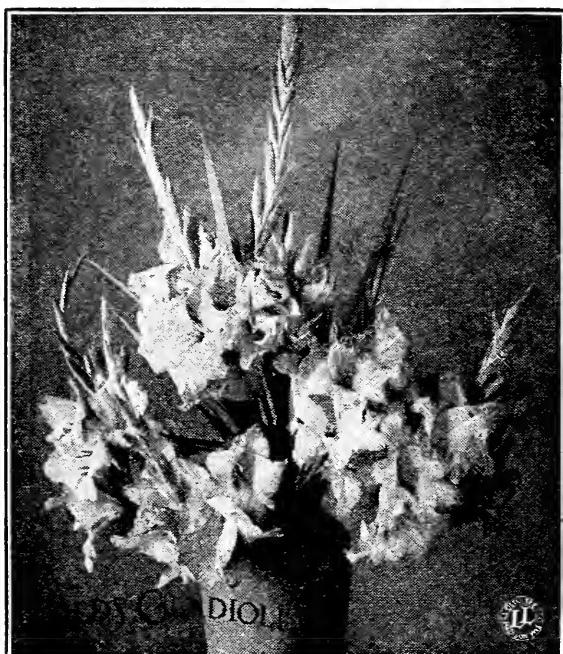
**CHICAGO RED.** Large handsome spikes, with clear intense scarlet flowers; very showy. Price same as for May.

**WILLIE WIGMAN.** Shaded white, with carmine on lower petals. First size, 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 65c.

**SCHWABEN.** One of the best and clearest yellows yet introduced; fine large spikes. First size bulbs, 10c each; 6 for 50c; doz., 95c. Not postpaid: Doz., 85c; 100 for \$6.50.

**BARON HULOT.** The best blue gladiolus. When cut in combination with Schwaben, above, it makes a very fine effect. First size bulbs, 9c each; 6 for 45c; doz., 85c. Not postpaid: Doz., 75c.

**VELVET KING.** Dark red: **MYRTLE.** Delicate rose pink, with lighter throat. Very early. **CANARY BIRD.** Clear canary yellow, and one of the finest in existence. First size bulbs, 11c each; 6 for 55c; doz., \$1.05. Not postpaid: Doz., 95c; 100 for \$7.50.



**SPECIAL OFFER.** One each of the above ten varieties for 85c; your choice one each, any 3 varieties for 35c; one each any 6 varieties for 60c.

**MRS. FRANCIS KING.** The new giant pink; striking in appearance both in daylight and artificial light. First size bulbs, 6c each; 1/2 doz., 30c; doz., 55c. Not postpaid: Doz., 45c.

**CHICAGO WHITE.** One of the earliest varieties to bloom; 5 to 7 flowers open at one time—almost pure white. Price: 7c each; 6 for 35c; doz., 60c. Not postpaid: Doz., 50c.

**SULPHUR KING.** One of the most desirable. It grows a very long spike of the clearest sulphur-yellow flowers. First size bulbs, 11c each; 1/2 doz., 55c; doz., \$1.00. Not postpaid: Doz., 90c.

**NIAGARA.** A new cream colored variety, resembling America, but the flowers are larger, measuring 4 1/2 inches across—see illustration. The flower spike is very erect and stout; dark green foliage. Price: 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 65c.

**PANAMA.** A beautiful deep pink, with large, well-expanded flowers and a tall spike. Panama is a deep pink companion to America, now the most popular pink variety. Panama is a grand acquisition to any collection of Gladioli. We offer Panama this year at very reasonable rates. Price: 9c each; 6 for 45c; doz., 85c. Not postpaid: Doz., 75c; 100 for \$6.00.

**EMPEROR OF INDIA.** A new brownish red, one of the darkest reds grown; flowers large, in fine spikes; very rich and showy. First size bulbs, 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 65c.



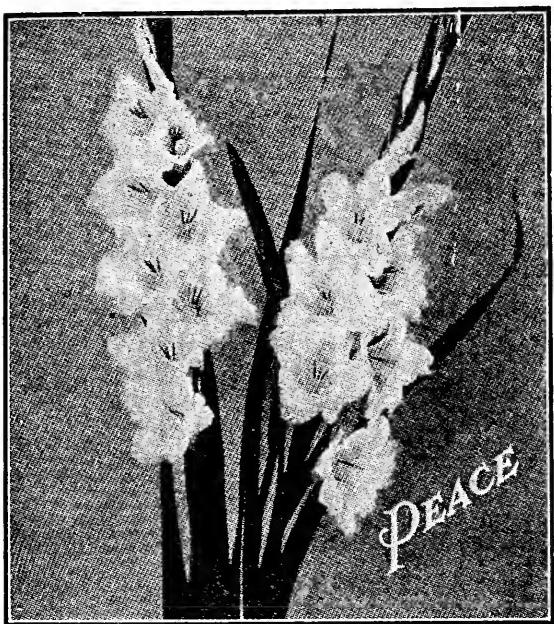
Panama



WE PAY PARCEL-POST CHARGES on all garden and flower seeds offered by the packet, ounce, and 1/4 lb.

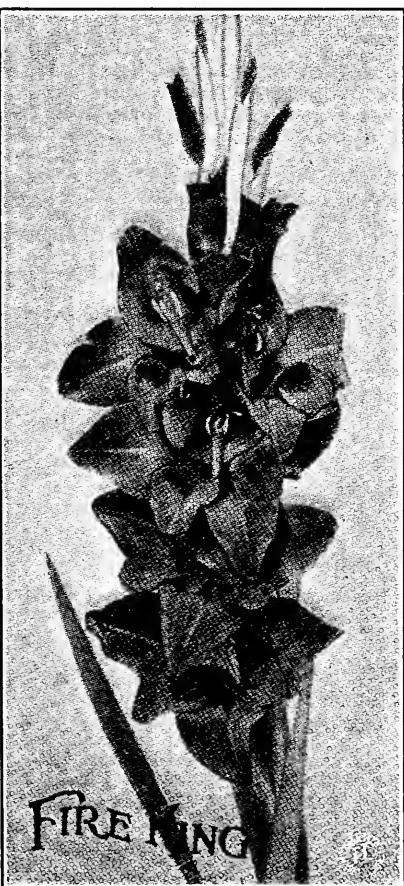
## OLDS' GLADIOLI—CONTINUED.

**PEACE.** A grand new distinct white variety of more than special merit. The plant is very attractive; flowers are of good form and correctly placed on the stalk. Peace is not an early bloomer but is one of the best whites ever introduced. First size bulbs, 8c each; 6 for 40c; doz., 70c. Not postpaid: Doz., 60c; 100 for \$4.50.



**PRINCEPS.** A very fine crimson-scarlet; flowers almost round, borne on spikes 4 ft. in height; 12 to 15 flowers to a spike. First size bulbs, 7c each; 6 for 35c; doz., 60c. Not postpaid: Doz., 50c; 100 for \$3.75.

**KUNDERDI GLORY.** A new Gladiolus with ruffled petals. The large wide open flowers all face in the same direction. Price, 8c each; 6 for 40c; doz., 70c. Not postpaid: Doz., 60c; 100 for \$4.50.



Price: 8c each; 6 for 40c.



Price: 11c each; 6 for 55c.

**HALLEY.** A very attractive soft pink variety. The flowers are wide-opened and gracefully placed on the stalk. Price: 7c each; 6 for 35c; doz., 60c. Not postpaid: Doz., 50c; 100 for \$3.75.

**MRS. WATT.** A new, beautiful, crimson, wine colored variety, with just enough purple to give it the shade of the American Beauty rose. Medium in height; fair sized flowers, with a number open at the same time. Price: 8c each, 6 for 40c; doz., 75c. Not postpaid: Doz., 65c; 100 for \$4.75.

**WAR.** A deep blood red variety, shaded somewhat darker; large well-opened flowers of good substance; very conspicuous—see cut. Price: 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 65c; 100 for \$5.00.



Price: 8c each; 6 for 40c.

# DAHLIAS IN THE FIELD



Nothing more showy than our large Double Dahlias. No garden is complete without them. They are very easily grown from bulbs, sure to succeed, and make a beautiful show. We have a choice mixture and a few new named varieties—recent introductions. Leaflet on Dahlia culture, free on request.

**DOUBLE MIXED.** Made up of a mixture of a number of choice named varieties. The colors range from deep maroon, crimson and scarlet through all shades of pink and yellow to pure white. Divisions (1 to 3 roots), 10c each; 6 for 50c; 12 for 85c. Not postpaid: 7c each; 6 for 35c; 12 for 60c.

**JACK ROSE.** A beautiful deep red, large-flowering show Dahlia; flowers regularly formed on long, slender stems. Price: Divisions (1 to 3 roots), 12c each; 6 for 60c; 12 for \$1.00. Not postpaid: 9c each; 6 for 45c; 12 for 75c.

**BLUE OBAN.** A clear lavender blue decorative variety. Flowers of medium size and beautiful in form; remarkably free-flowering. Price: Divisions (1 to 3 roots), 18c each; 6 for 90c; 12 for \$1.65. Not postpaid, 15c each; 6 for 75c; 12 for \$1.40.

**QUEEN OF YELLOWS.** Large-flowering, a pure yellow show Dahlia. Early flowering and strong. Price: Divisions (1 to 3 roots), 13c each; 6 for 65c; 12 for \$1.15. Not postpaid: 10c each; 6 for 50c; 12 for 90c.

**SYLVIA.** A new decorative dahlia attracting much attention. Flowers 5 inches across, of fine form and full to the center, which is white, shading to soft pink at the rim. An early profuse bloomer, and a strong, healthy grower. Price, same as for Princess Victoria.

**MRS. ROOSEVELT.** One of the largest and most popular of the new dahlias. Immense flowers, six to eight inches, of a light, delicate pink color. Perfectly double and very compact. Price: 38c each; 6 for \$1.90; 12, \$3.50.

**CUBAN GIANT.** An immense ball of bright maroon; early and free flowering. Price, same as for Manzanola.

**STORM KING.** The most reliable pure white show Dahlia to date. Flowers very large, 5 to 7 inches in diameter, with large broad petals. A strong grower and splendid decorative variety. Price: same as for Princess Juliana.

**NORMA.** Clear bright orange with long stem; **PERLE DE LYON.** Pure white, extra fine; **MERLIN.** Rich dazzling scarlet. Prices: Divisions (1 to 3 roots), 20c each; 6 for \$1.00; 12 for \$1.80. Not postpaid: 17c each; 6 for 85c.

**SPECIAL OFFER.** A division (1 to 3 roots) each of the above ten varieties for \$1.75; your choice, one each any 3 varieties for 60c; one each any 6 varieties for \$1.00.

## NEW DAHLIAS.

**A. D. LIVONI.** A splendid clear soft pink, beautifully quilled; of perfect form and very free flowering. See illustration. Divisions (1 to 3 roots), 16c each; 6 for 80c; 12 for \$1.50. Not postpaid: 13c each; 6 for 65c; 12 for \$1.25.

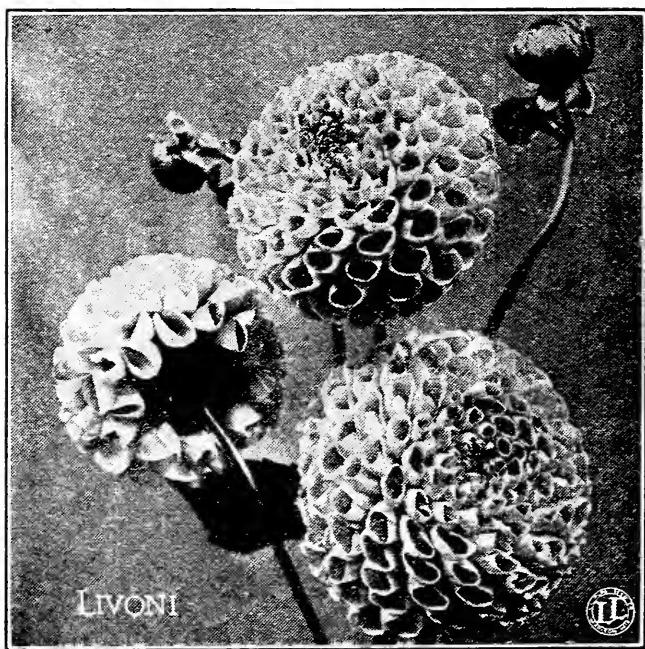
**WOODROW WILSON.** Bright red; free flowering and most desirable for cut flowers. Price: Divisions (1 to 3 roots), 18c each; 6 for 90c; 12 for \$1.65. Not postpaid: 15c each; 6 for 75c; 12 for \$1.40.

**GIANT PURE WHITE** (Dreer's). Claimed to be the best pure white Dahlia ever introduced. It is much admired and where shown has in most cases been awarded the first prize as the finest white show variety. Price: Divisions (1 to 3 roots), 29c each; 6 for \$1.45; 12 for \$2.75. Not postpaid: 26c each; 6 for \$1.30; 12 for \$2.50.

**PRINCESS VICTORIA.** The finest pure yellow dahlia in existence. Clear, pure canary yellow. Perfect form on long, slender stems. It is very early and a profuse bloomer. Price: Divisions (1 to 3 roots), 18c each; 6 for 90c; 12 for \$1.65. Not postpaid: 15c each; 6 for 75c; 12 for \$1.40.

**BELOIT.** A beautiful variety, very effective on account of its large flowers, borne on stems 18 to 20 inches long and held well above the foliage; these are full double of splendid form and a rich purplish garnet in color. Divisions (1 to 3 roots), 28c each; 6 for \$1.40; 12 for \$2.60. Not postpaid: 25c each; 6 for \$1.25; 12 for \$2.35.

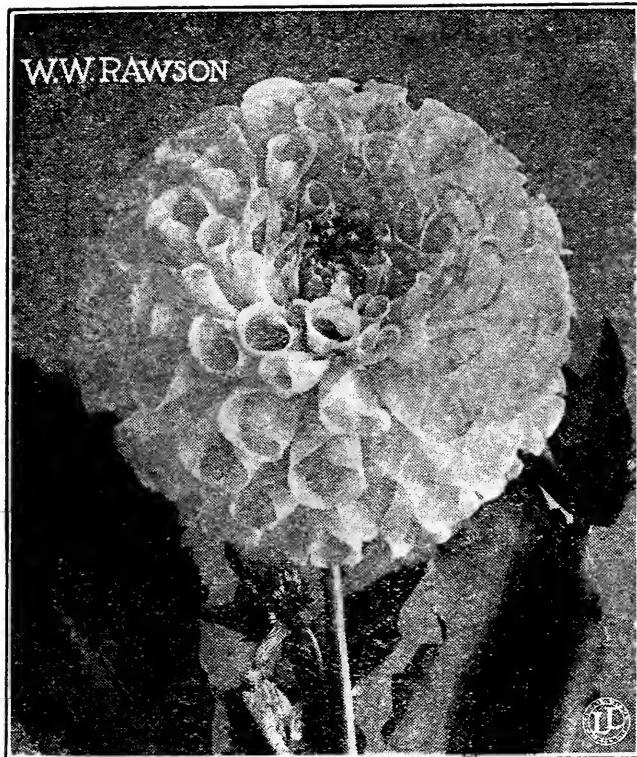
**LE GRAND MANITOU.** White striped and blotched with purple. The first variegated decorative Dahlia ever introduced; flowers from 5 to 6 inches across, borne on long stiff stems. Divisions (1 to 3 roots), 23c each; 6 for \$1.15; 12 for \$2.10. Not postpaid: 20c each; 6 for \$1.00; 12 for \$1.85.



LIVONI



W.W.RAWSON



**W. W. RAWSON.** A very handsome show variety; quilled inner petals, broadening out in quite distinctive form—see illustration above. The color is white tinged with lavender. The blooms are large with long stiff stems. Divisions (1 to 3 roots) 38c each; 6 for \$1.90; 12 for \$3.50. Not postpaid: 35c each; 6 for \$1.75; 12 for \$3.25.

**MAUDE ADAMS.** A very fine new Show Dahlia. The color is a pure snowy white, overlaid with a clear delicate pink; very effective. Prices: Divisions (1 to 3 roots), 38c each; 6 for \$1.90; 12 for \$3.25. Not postpaid: 35c each; 6 for \$1.75; 12 for \$3.00.

**JOHN GREEN.** An exceptionally fine English Peony-flowered Dahlia—awarded first-class certificate by several English Societies. Very attractive; clear golden-yellow, changing to fiery scarlet. The petals are pointed, giving the flower a star-like appearance. Prices: Divisions (1 to 3 roots), 33c each; 6 for \$1.65; 12 for \$3.00. Not postpaid: 30c each; 6 for \$1.50; 12 for \$2.75.



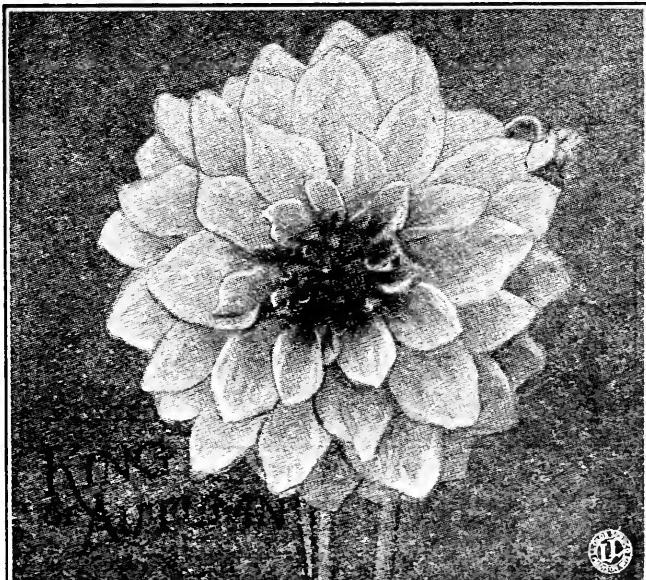
**FRANCIS MARTIN.** One of the most charming of the new decorative varieties, sure to give perfect satisfaction. The color is somewhat similar to W. W. Rawson, but of a darker shade. A good bloomer and ideal for cut flowers. Divisions (1 to 3 roots) \$1.45 each; 6 for \$7.25. Not postpaid: \$1.40 each; 6 for \$7.00.



**MADONNA.** A new Peony-flowered Dahlia—illustrated above. This variety is a perfect wonder on account of its beautifully shaped flower, borne on long stems. The color is a beautiful white, slightly tinged with delicate lavender-pink. The petals curl and twist in a very pleasing manner. Prices: Divisions (1 to 3 roots), 30c each; 6 for \$1.50; 12 for \$2.90. Not postpaid: 28c each; 6 for \$1.40; 12 for \$2.65.

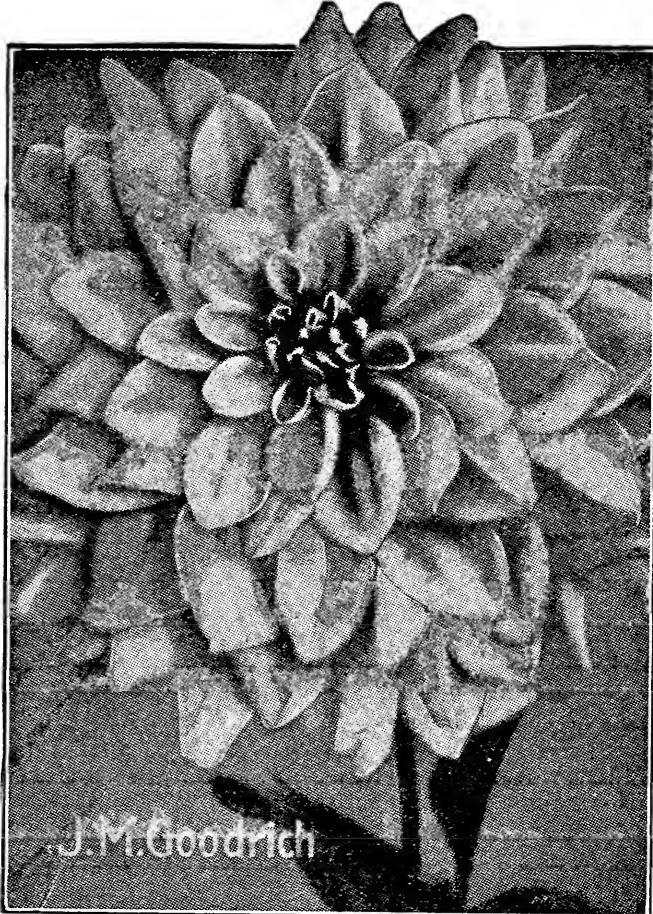
**MANZANOLA.** Brilliant oriental-red with deep shading, a fine shaped flower with good stems, very free and ideal for cutting. Divisions (1 to 3 roots), 28c each; 6 for \$1.40; 12 for \$2.60. Not postpaid: 25c each; 6 for \$1.25; 12 for \$2.30.

**PRINCESS JULIANA.** An ideal garden decorative variety, recently introduced from Holland. The flowers are well formed, pure white, and are borne on long stems, well above the foliage; a free bloomer and fine for cutting. Divisions (1 to 3 roots), 19c each, 6 for 95c; 12 for \$1.75. Not postpaid; 16c each; 6 for 80c; 12 for \$1.50.

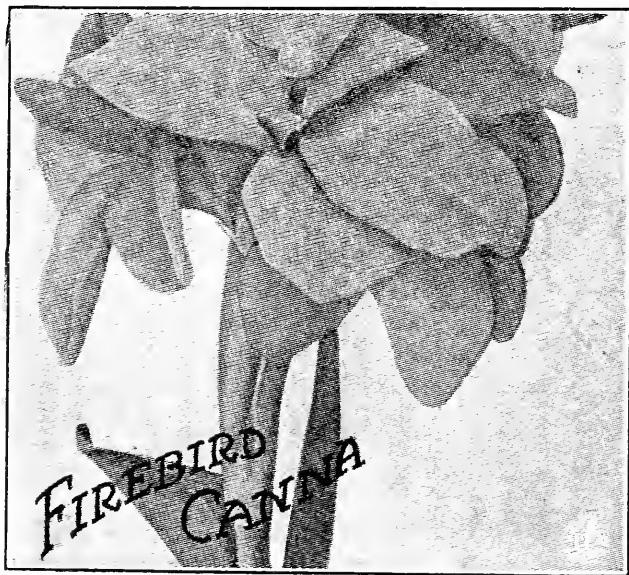


**KING OF AUTUMN.** A new variety; one of the finest decorative Dahlias ever introduced (illustrated above), strong, sturdy stalks, with long, stiff stems; buff yellow colored flowers, borne in great profusion. Divisions (1 to 3 roots) 60c each; 6 for \$3.00; 12 for \$5.75. Not postpaid: 57c each; 6 for \$2.85; 12 for \$5.50.

**NEW DAHLIAS—CONTINUED PAGE 98.**



**J. M. GOODRICH.** A new decorative variety of immense size—see illustration. It has size and beauty, very long stems and is free flowering. The coloring is a beautiful salmon-pink, with each petal tipped with primrose-yellow. An ideal Dahlia—be sure and try it. Price: Divisions (1 to 2 roots), 33c each; 6 for \$1.65; 12 for \$3.10. Not postpaid: 30c each; 6 for \$1.50; 12 for \$2.85.



#### TUBEROSE.

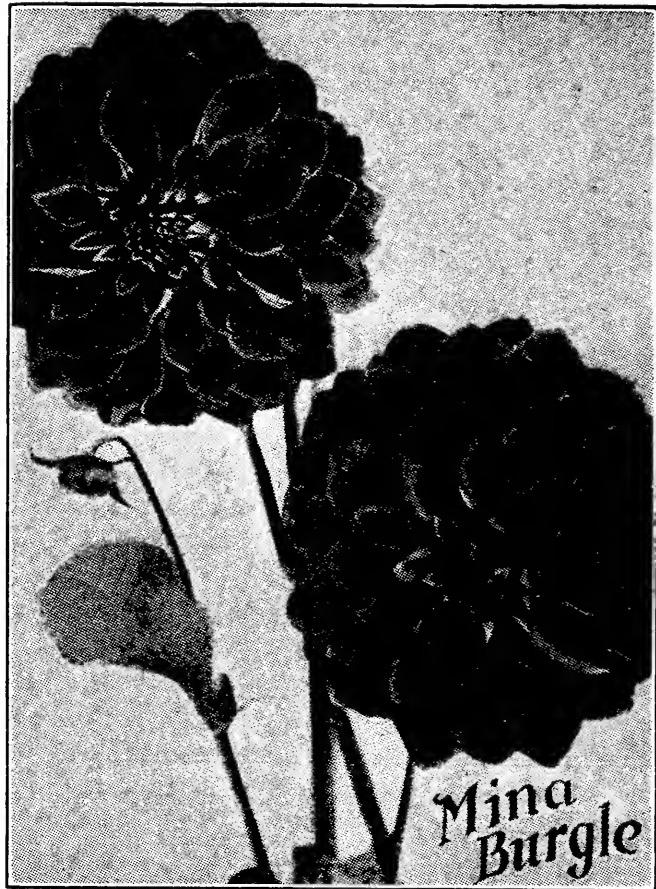
The Sweetest Scented Flower that Grows. The Tuberose is one of the most charming of our summer flowering bulbs.

**EXCELSIOR DWARF PEARL.** The largest-flowering variety. First size, 10c each; 6 for 50c; 12 for 85c. Not postpaid: 6 for 40c; 12 for 75c; 100 for \$5.50.

**MEXICAN.** Early-flowering—from May until killed by frost. Very fragrant, pure white flowered. First size: 8c each; 6 for 40c; 12 for 75c. Not postpaid: 6 for 30c; 12 for 65c; 100 for \$5.00.

#### CINNAMON VINE.

The prettiest thing out. Good strong roots; 6 for 30c; doz., 50c. Not postpaid: 12 for 40c; 100 for \$3.25.



**MINA BURGLE.** A new introduction and one of the finest varieties to date. It produces immense flowers, borne on long stems well above the foliage—see illustration. The flowers are of perfect decorative type; bright scarlet in color and sure to attract attention. Price: Divisions (1 to 2 roots), 17c each; 6 for 85c; 12 for \$1.60. Not postpaid: 14c each; 6 for 70c; 12 for \$1.35.

#### CANNAS.

**FIREBIRD.** Green foliage, flowers in immense trusses, on tall stems well above the leaves. They are of splendid form, round, and as near perfect as any flowers we have ever seen. The petals measure 2½ inches across (illustrated opposite), and the color is a clear glistening scarlet. Tubers (2-eyed), 14c each; 6 for 70c; 12 for \$1.35. Not postpaid: 12c each; 6 for 60c; 12 for \$1.15.

**MADAM CROZY.** A very popular variety. Rich, orange-scarlet flowers, edged with bright, golden yellow. 2-eyed Divisions, 9c each; 6 for 45c; 12 for 80c. Not postpaid: 7c each; 6 for 35c; 12 for 60c.

**WYOMING.** Brilliant orange, with purple bronze foliage. 2-eyed Divisions, 9c each; 6 for 45c; 12 for 80c. Not postpaid: 7c each; 6 for 35c; 12 for 60c.

**RED KING HUMBERT.** Scarlet striped flowers. Bronze foliage. 2-eyed Divisions, 11c each; 6 for 55c; 12 for 95c. Not postpaid: 9c each; 6 for 45c; 12 for 75c.

**EUREKA.** The finest white canna; an effective contrast with the scarlet sorts. 2-eyed Divisions, 10c each; 6 for 50c; 12 for 95c. Not postpaid: 8c each; 6 for 40c.

**HUNGARIA.** An ideal pink, one of the best of the newer introductions. 2-eyed Divisions, 11c each; 6 for 55c; 12 for 95c. Not postpaid: 6 for 45c; 12 for 75c.

**YELLOW KING HUMBERT.** The first large yellow canna. A pure, rich golden yellow, softly spotted red; very large spikes with flowers 5 to 7 inches across. Dark green foliage. 2-eyed Divisions, 10c each; 6 for 50c; 12 for 90c. Not postpaid: 8c each; 6 for 40c; 12 for 70c.

**DAVID HARUM.** Dark bronze foliage. Vermilion red flowers, one of the freest blooming cannas ever introduced. 2-eyed Divisions, 9c each; 6 for 45c; 12 for 80c. Not postpaid: 7c each; 6 for 35c; 12 for 60c.

**CHAS. HENDERSON.** Bright crimson flowers. Stock limited. Price same as for Eureka.

#### FALL BULBS.

About Sept. 1, each year we issue a small catalog of Bulbs and roots for fall planting, also house plants for winter blooming. If you are interested in Tulips, Hyacinths, Narcissi, Crocuses, and Freesias, together with Peonies and other hardy plants, write us for a copy—it will be sent free on request.

## VEGETABLE AND FLOWER PLANTS.

Our plants are grown by a gardener who has made this his specialty for many years.

**BRUSSELS SPROUTS.** New Danish. Ready in May and June. Doz., 25c; 50 for 90c. Not postpaid, 50 for 80c.

**CABBAGE PLANTS.** April, May and June delivery. Sturdy, home grown plants. Early Jersey Wakefield, Copenhagen Market, Allhead Early, Late Flat Dutch, Late Danish Ballhead, Red Rock. Doz., 20c; 50 for 55c. Not postpaid, 50 for 45c; 100 for 85c. Write for special price by the 1,000.

**CAULIFLOWER PLANTS.** Transplanted. April and May delivery. Early Snowball, Dry Weather.  $\frac{1}{2}$  doz., 20c; doz., 35c; 50 for \$1.10. Not postpaid, 50 for 85c.

**CELERIAC PLANTS.** Transplanted stock. Golden Self Blanching, early; Winter Queen, late; Giant Prauge Celeriac, turnip-rooted celery. Doz., 25c; 50 for 75c. Not postpaid, 50 for 70c; 100 for \$1.35.

**EGG PLANT.** Transplanted. Ready in May and June. Black Beauty. Doz., 40c; 50 for \$1.25.

**GROUND CHERRY PLANTS.** An annual fruit for canning and home use. Doz., 35c; 50 for \$1.10.

**HORSE RADISH.** Good clean sets. Doz., 15c; 100 for 85c. Not postpaid, 100 for 75c.

**KOHL RABI PLANTS.** Sweeter than turnips. White Vienna. Doz., 20c; 50 for 55c.

**HEAD LETTUCE.** Easy to grow. Iceberg, Early Wayahead. Doz., 25c; 50 for 85c. Not postpaid, 50 for 80c.

**PARSLEY PLANTS.** The Arlington. Doz., 25c; 50 for 85c. Not postpaid, 50 for 80c.

**PEPPER PLANTS.** Sturdy transplanted stock. May and June delivery. Crimson Giant, early and mild. Golden Queen, the sweetest yellow. Mixed Hot Varieties. Doz., 30c; 50 for \$1.00. Not postpaid, 50 for 90c.

**MUSKMELON PLANTS.** Melons are easily grown from plants started early in pots. Tip Top. Four inch pots. By express only.  $\frac{1}{2}$  doz., 55c; doz., 90c.

**TOMATO PLANTS.** Transplanted from hot-bed; ready in May and June. Earliana, very early; Chalks Jewel, best early, smooth and solid; Matchless, best for main crop; Ponderosa; Golden Queen, best large yellow; Small Fruited Mixed. Doz., 35c; 50 for \$1.10. Not postpaid, 50 for 95c; 100 for \$1.75. Write for quotations on large orders.

**TOMATO, Pot Grown.** Dwarf Stone. Valuable for early or in short season climates. Express only.  $\frac{1}{2}$  doz., 60c; doz., \$1.00.

**TOBACCO PLANTS.** Comstock's Spanish. Doz., 20c; 50 for 60c. Special prices on large quantities.

**ASTER PLANTS.** Giant Comet. Mixed colors only. Great shaggy blossoms in many beautiful shades. Doz., 35c; 50 for \$1.10. Not postpaid, 50 for \$1.00.

**SALVIA PLANTS.** Splendens. Brilliant scarlet flowers. Fine for bedding or for pot culture and most satisfactory for cutting. Doz., 35c; 50 for \$1.10. Not postpaid, 50 for \$1.00.

**OTHER ANNUAL FLOWERING PLANTS.** For the out-door border. Dwarf Snapdragon (Antirrhinum). Large Flowered Single Petunia, Finest Mixed Verbena, Giant Zinnia, Camellia flowered Balsam. Doz., 35c; 50 for \$1.10. Not postpaid, 50 for \$1.00.

**PANSY PLANTS.** Giant Flowered. Plants grown from seed produced by the largest and finest flowers, showing a wonderful range of colors. Strong plants, ready to bloom. Doz., 60c; 50 for \$2.15. Not postpaid, 50 for \$2.00.

### EVERGREENS.

#### For Hedges and Windbreaks.

An Evergreen Hedge adds beauty, charm and comfort to the home the year around, making a good live fence, which will keep poultry and livestock out of yard and garden. The Evergreen Hedge is more permanent and economical than a wire or iron fence.

Authorities figure that a good Evergreen Windbreak will add from \$2,000.00 to \$5,000.00 to the value of the farm. An Evergreen Windbreak beautifies and protects, increasing in value each year. First cost is the only cost.

Our Evergreens are grown for us by one of the oldest and largest Evergreen nurseries in America. They grow nothing else. You can depend upon the quality.



### WINDBREAK VARIETIES.

For early spring shipment. Norway Spruce, Colorado Douglas Fir, Ponderosa Pine, Scotch Pine, Red Cedar, and White Pine.

	5	25	50	75	100
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Medium Size .....	10 - 12 inch	\$2.25	\$10.00	\$19.50	\$27.50	\$35.00
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Large Size .....	1 - 1½ feet	2.50	11.50	22.00	31.00	40.00
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Extra Large .....	1½ - 2 feet	3.50	16.50	32.00	46.50	60.00
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**AMERICAN ARBOR VITAE.** The National Evergreen Hedge. Nothing is so cheerful and comforting as a neatly clipped Evergreen Hedge around the yard and garden. Medium Large and Extra Large sizes—prices same as for wind-break varieties.

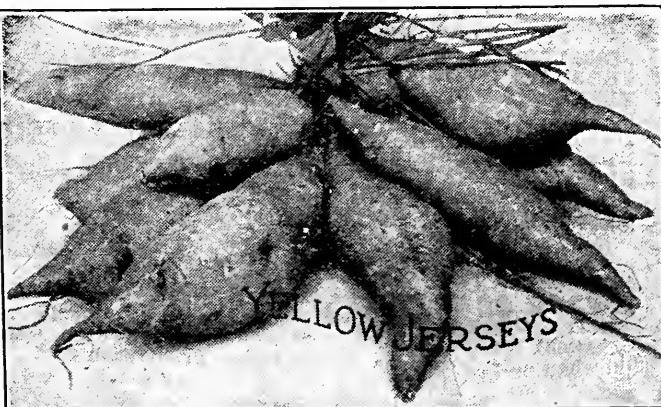
NOTE: The U. S. Dept. of Agriculture has prohibited the shipment of White Pine west of the west line of Minnesota, Iowa, Missouri, Arkansas and Louisiana. No orders accepted for White Pine west of that line.

### SWEET POTATO PLANTS.

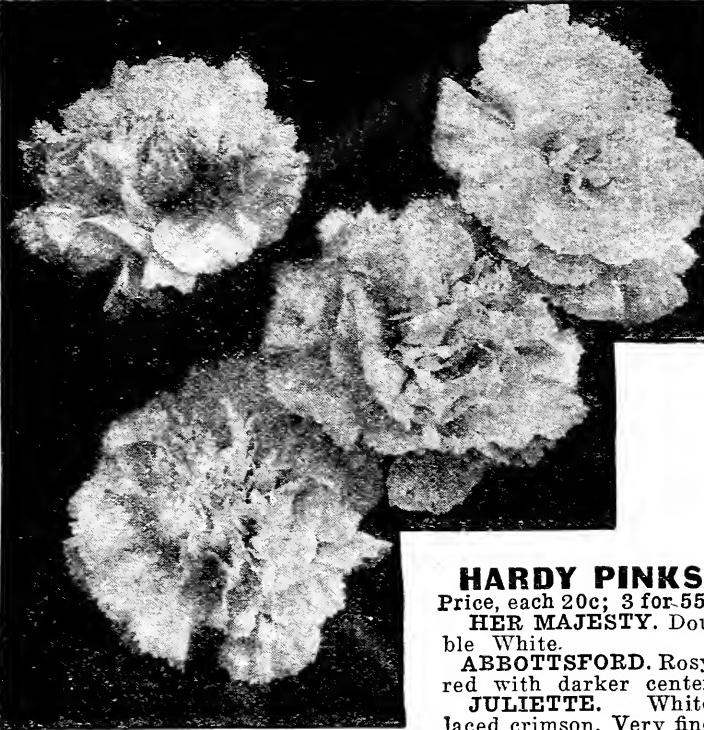
While the Sweet Potato will never be a commercial success as a field crop in the North, yet it may readily be grown in most home gardens from early-started plants. It should be given the warmest situation available and will do much better on light, sandy soils than on those of a heavier type. Grow your own sweet potatoes. The yield from a few plants will surprise you. We offer plants of the Yellow Jersey, a standard sort in the North. Price postpaid, doz., 25c; 50 for 80c; 100 for \$1.50. By express, 50 for 70c; 100 for \$1.25.

### THE PEONY.

The Peony is the most valuable of hardy perennials for ornamental planting or for cutting. It does best when put out in the fall and we do not advise spring planting altho it is sometimes successful when done early. We can supply plants for spring delivery to such of our customers as wish them, but it must be at their own risk. We offer a good list of named varieties in big strong divisions of four and five eyes each. Write us for prices if interested.



**CHOICE GREENHOUSE PLANTS**  
FOR THE WINDOW GARDEN OR OUT-DOOR BEDDING. Prices include postage.



**HARDY PINKS.**

Price, each 20c; 3 for 55c.  
**HER MAJESTY.** Double White.  
**ABBOTTSFORD.** Rosy-red with darker center.  
**JULIETTE.** White, laced crimson. Very fine.

**NEW CARNATIONS.**

Price, each 25c; 3 for 65c.

**ENCHANTRESS.** Large clear pink flowers; strong stems.

**MATCHLESS.** Pure white, graceful and fragrant.

**BEACON.** Rich crimson, very free blooming.

**BENORA.** White, delicately penciled with crimson.

**DOUBLE GERANIUMS.**

Price, each 25c; 3 for 65c; 12 for \$2.25.

**S. A. NUTT.** Rich dark crimson; always in bloom.

**JEAN VIAUD.** Rosy pink; dwarf and compact.

**BUCHNER.** Bushy plants with flowers of purest white.

**MRS. LAWRENCE.** A wonderful shade of satiny salmon pink.

**ALPHONSE RICARD.** Brilliant orange red; semi-double.

**QUEEN OF THE FAIRIES.** Snow white shading into a soft, glowing crimson.

**FANCY LEAVED GERANIUMS.**

Price, each 25c; 3 for 65c; 12 for \$2.25.

**HAPPY THOUGHT.** Dark green foliage with creamy white center bordered bronze. Single scarlet flowers.

**GOLDEN TRICOLOR.** Leaves have bronze zone belted with crimson and edged with golden yellow. Orange-red flowers.

**MME. SALLEROI.** Green foliage edged white. Pink blossoms.

**HARDY CHRYSANTHEMUMS.**

Hardy plants for outdoor bedding. Very effective.

Price, each 25c; 3 for 65c; 12 for \$2.25.

**HOMESTEAD.** Very double, delicate pink.

**FLORA.** Showy deep yellow flowers in large clusters.

**PRINCE OF WALES.** Snow white.

**INDIAN.** A beautiful soft red.

**AUTUMN GLOW.** An attractive shade of coppery bronze.

**INDOOR CHRYSANTHEMUMS.**

Price, each 25c; 3 for 65c; 12 for \$2.25

**LORD HOPETOUN.** Deep crimson with shining gold reverse.

**EARLY IVORY.** A fine white.

**PINK IVORY.** Shell-pink, exquisite form and finish.

**YELLOW IVORY.** Intense yellow, early.

**KING OF PLUMES.** Massive flowers with reflexed petals. Rich Crimson.

**CINERARIAS.** Excellent plot plants for winter.

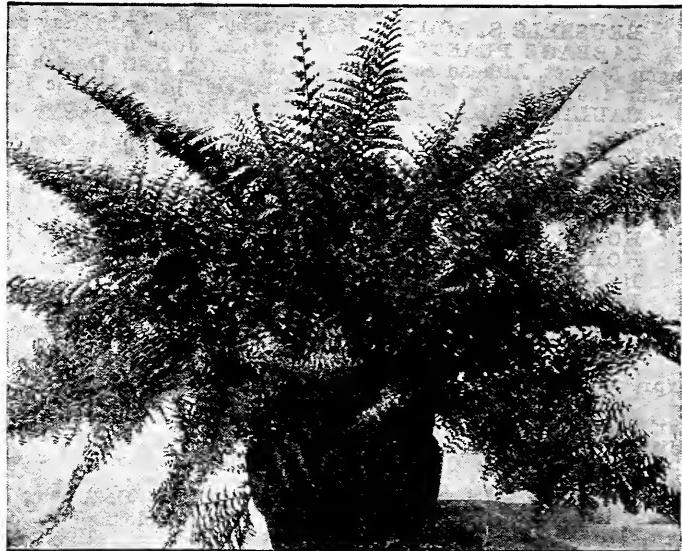
**GIANT FLOWERED MIXED.** A fine assortment of colors. Price, each 30c; 3 for 80c.

**PRIMROSES.**

Price, each 35c; 3 for 90c.

**GIANT FLOWERED MIXED.** Perpetual flowering.

**BABY PRIMULA.** Dainty mauve flowers in tall sprays.



**DECORATIVE FERNS.**

Price, each 30c; 3 for 80c.

**ELEGANTISSIMA.** The ostrich plume fern.

**THE BOSTON.** Graceful drooping fronds.

**ROOSEVELT.** Dense massive fronds; erect in growth.

**ASPARAGUS PLUMOSUS.** The lace fern.

**CRESTED FERN.** Green leaves peculiarly crested.

**STRIPED SILVER FERN.** A pretty variegated sort.

**THE BEST FUCHSIAS.**

Price, each 25c; 3 for 65c; 12 for \$2.25.

**SPECIOSA.** Pink and carmine; free flowering.

**NANCY.** Dark blue, a beautiful variety.

**AVALANCHE.** Golden foliage; double violet flowers.

**EDMOND ABOUT.** Semi-double, white corolla with deep pink petals.

**PHENOMENAL.** Very large double scarlet and violet flowers.

**FLOWERING BEGONIAS.**

Price, each 30c; 3 for 80c; 12 for \$2.75.

**RUBRA.** Glossy foliage, pendant coral flowers.

**TRIUMPH.** Dwarf, with white wax-like blossoms.

**GRACILIS LUMINOSA.** Bright cherry flowers, bronze foliage.

**FOLIAGE BEGONIAS.** Rex. Rich metallic shades of silver and bronze. Price, each 40c; 3 for \$1.10.

**BASKET PLANTS.**

Various trailing plants for hanging baskets and window boxes. Price, each 25c; 3 for 65c; 12 for \$2.25.

**WANDERING JEW.** A trailing vine; variegated foliage.

**WEEPING LANTANA.** In continuous bloom winter and summer. Rosy pink.

**FIRE CRACKER PLANT.** The arching growth is literally covered with coral red flowers.

**TRAILING QUEEN FUCHSIA.** Scarlet flowers in large drooping clusters.

**STRAWBERRY GERANIUM.** Striped foliage, trailing runners, white flowers. A handsome plant.

**SWEET VIOLETS.**

Price, each 25c; 3 for 65c; 12 for \$2.25.

**MARIE LOUISE.** Double dark blue. Very fragrant.

**SWANLEY WHITE.** Double, white. Large and sweet.

**COLEUS FOR BEDDING.**

Price, each 20c; 3 for 50c; 12 for \$1.80.

**SENSATION.** Color crimson-maroon, center light red.

**VERSCHAFFELTII.** Maroon center, spotted yellow.

**YELLOW BIRD.** Golden yellow.

**EMPEROR OF INDIA.** Light maroon bordered yellow.

**DUNEIRA.** Attractive shades of crimson and scarlet.

**NERO.** Very deep maroon, nearly black.

**RETTA KIRKPATRICK.** Bright green; white center.

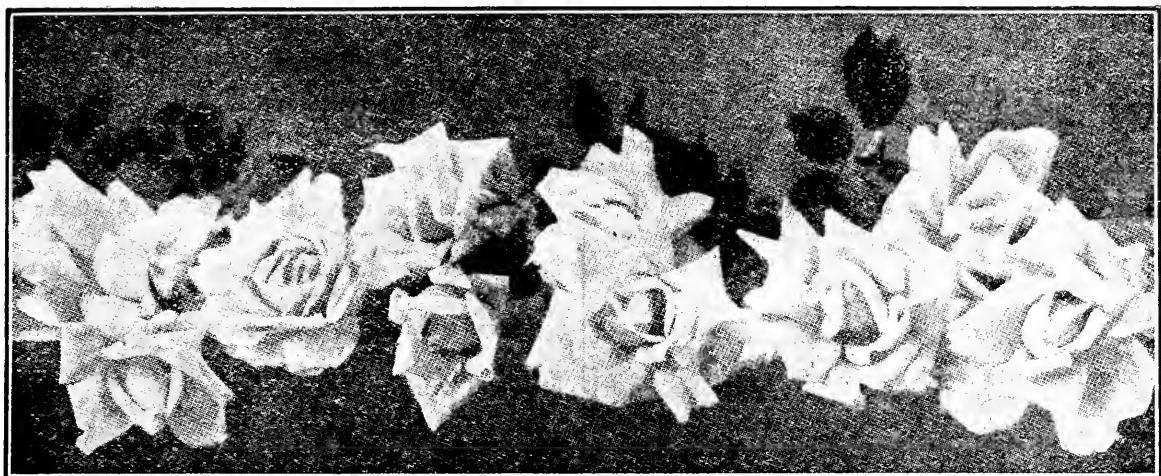
**FIRE BRAND.** Brilliant, glowing scarlet.

**SANSEVEIRA.** Erect, rigid swordlike leaves which are thick and leathery, dark green in color, striped with white. Will stand poor light, gas and dust yet remain thrifty. Price, each 30c.

**DWARF ORANGE.** Dwarf, bearing masses of wax-white fragrant blossoms followed by small bright-colored, very sweet fruits. Plants start blooming and even bear fruit when only five or six inches high. Price, each 30c.

# ROSES, VINES AND HARDY SHRUBS

A careful selection of well-grown ornamentals.



All plants are sent by mail postpaid, unless ordered by express. They are sent by themselves at about the time for planting. Our list is a select one, of the best sorts, northern grown, and hardy. If ordered by express, purchaser paying transportation charges, we send larger and stronger plants. **PRICE**, unless otherwise given, strong plants, each 25c; any 3 for 65c; 12 for \$2.25, postpaid. We can also furnish larger (2-year-old) plants, each 50c; 3 for \$1.35.

## HYBRID TEA ROSES.

Hardy with protection. Everblooming.

**KILLARNEY.** Remarkable for the large size of its intensely fragrant flowers. Color is a brilliant sparkling pink.

**WHITE KILLARNEY.** A pure white sport of the Killarney.

**RED RADIANCE.** Unfading cerise red.

**SUNBURST.** Rich yellow, orange center.

**ETOILE DE FRANCE.** Deepest glowing crimson.

**OPHELIA.** Salmon-flesh color shaded with rose. One of the very finest for cutting.

**YELLOW MAMAN COCHET.** An altogether satisfactory yellow rose.

## HYBRID PERPETUAL ROSES.

A hardy and vigorous class. Does not winter kill.

**MME. MASSON.** Bright red, a constant bloomer.

**WHITE AMERICAN BEAUTY.** The best snow-white rose ever introduced.

**CLIO.** Flesh-color, shaded in center to rose-pink.

**GEN. JACQUEMINOT.** Bright red, fragrant. One of the finest.

**PAUL NEYRON.** Clear pink. One of the very largest.

**PRINCE CAMILLE DE ROHAN.** Dark velvety crimson, almost black.

## POLYANTHA ROSES.

Clustered-flowered roses for pots or outdoor bedding.

**BABY DOLL.** Everblooming. Golden yellow tipped with cerise.

**BABY RAMBLER.** Rich crimson, entirely hardy.

**ORLEANS.** Geranium pink with white center.

**JEAN D'ARC.** Pure white flowers in immense clusters.

## CLIMBING ROSES.

**DR. VAN FLEET.** The flesh-pink climbing rose, not cluster-flowered. Flowers full and double, delicately perfumed, with long stems, making it one of the best for cutting. Bronze foliage and crimson thorns. Entirely hardy.

**CRIMSON RAMBLER.** Bright crimson flowers in great clusters. Hardy. A rampant grower.

**DOROTHY PERKINS.** A beautiful shell-pink rambler.

**BLUE RAMBLER.** A seedling from the Crimson Rambler. The flowers are metallic blue in color, borne gracefully in large clusters. Hardy, well-established plants.

## OTHER HARDY VINES.

**SCARLET HONEYSUCKLE.** Vigorous Climber with dark green foliage and bright vermillion flowers.

**CLEMATIS PANICULATA.** The sweetest of all clematis, and the easiest to grow. The small, creamy-white flowers are borne in masses completely covering the vine. One of the most satisfactory of all hardy vines.

**VIRGINIA CREEPER, or American Ivy.** A well-known, hardy, rapid growing vine. The foliage changes in Autumn to brilliant hues of yellow, orange and crimson. Strong plants 35c each, 3 for 90c.

## A SPLENDID HEDGE PLANT.

**IBOTA PRIVET** makes the finest of broad-leaved deciduous hedge plants. Perfectly hardy and almost evergreen. May be trimmed as desired. Express price only.

Dozen Per 100.

1 year plants ..... \$2.25 ..... \$20.00

2 year plants ..... 3.00 ..... 25.00



**SPIREA VAN HOUTTEI**

## HARDY SHRUBS.

**SPIREA VAN HOUTTEI** (Bridal Wreath). The finest hardy Spirea. Beautiful foliage at all times and a fountain of arching snowy-white bloom in May and June.

**SPIREA, ANTHONY WATERER.** Begins to bear flat clusters of rosy-red flowers almost as soon as planted and continues in bloom until late autumn.

**SNOWBALL.** Pure white flowers in dense clusters which look like balls of snow. Very attractive.

**PURPLE LILAC.** An old-time favorite that will always remain popular. Flowers are very fragrant.

**HYDRANGEA PANICULATA.** Creamy white flowers changing to pink, and borne freely in immense panicles. Commences flowering in July and continues until November. Very easily grown. Will bloom the first year.

**SNOWBERRY.** A hardy shrub that grows well in almost any soil and succeeds in shady locations. The small pink flowers are followed by waxy white berries which last well into the winter. Very effective for massing.

**WEIGELIA, EVA RATHKE.** The everblooming Diervilla. Splendid foliage, the lovely dark red flowers with creamy white markings give an effect not to be had in any other shrub. Flowers throughout the summer.

**JAPAN BARBERRY.** Valuable as specimen plants or for hedges. Drooping yellow flowers followed by bright red berries. Foliage changes to fiery crimson in Autumn. This variety, unlike the common Barberry, does not harbor wheat rust and is entirely harmless to grain crops. Price 25c each postpaid. By express 12 for \$2.25; 100 for \$20.00.

# OLDS' NORTHERN GROWN FRUIT TREES

The varieties we offer on this page and the next are carefully selected for adaptability to northern conditions. Orders will be filled from our Wisconsin Nursery and sent direct from there, not from Madison, at the proper time for spring planting.

We guarantee that the stock will be true to name, first class and well packed. Those starred (\*) are the hardiest varieties. Large trees, such as we furnish, cannot be sent by mail but must go by express or freight, customers paying transportation. Prices are for quantities named all of one variety but will furnish 5 at the 10 rate, 50 at the 100 rate.

Nursery stock of all kinds will again be high and scarce this season the country over owing to the fact that stocks are low the country over. We have a fairly good supply of the varieties listed, and they are the very best varieties for northern planting, but our stock of many will quite likely be exhausted before the season is over. We suggest, therefore, that you name a second choice in ordering or give permission to substitute to the best of our ability and judgment.

## APPLES.

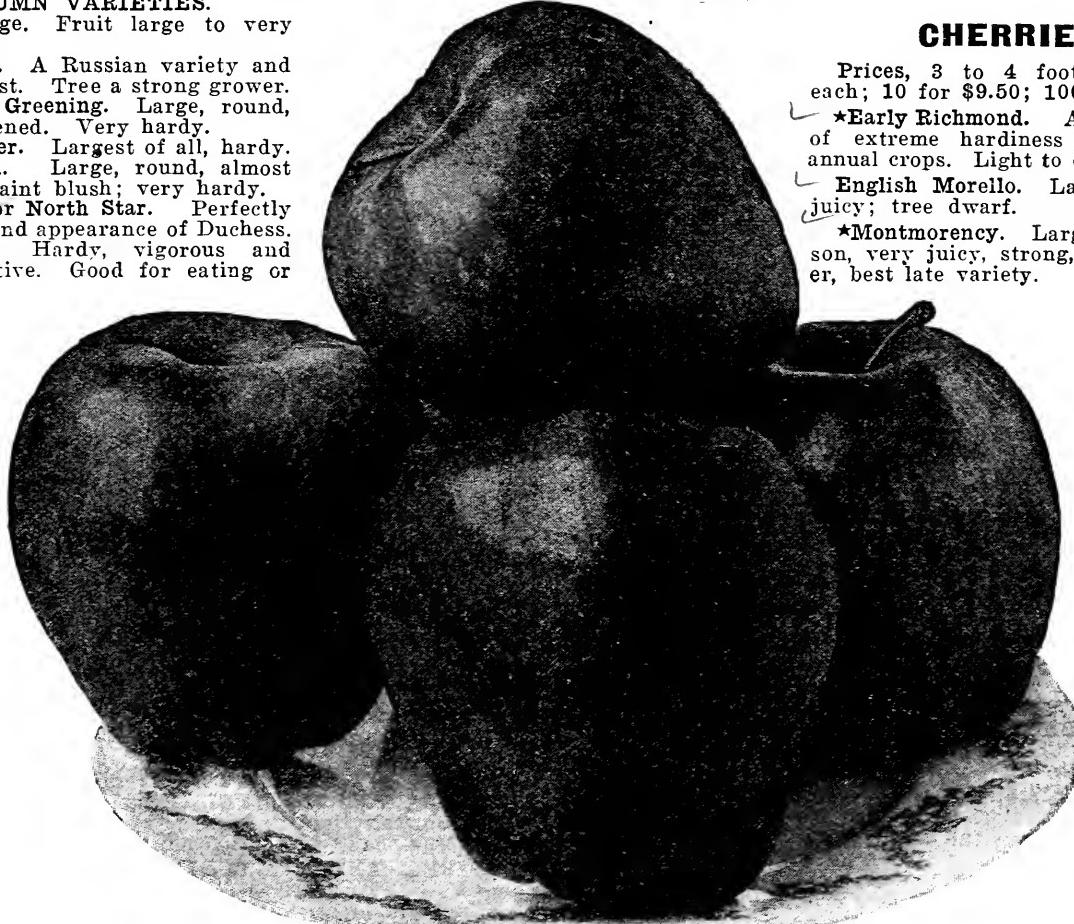
Prices, all varieties, by express or freight, 4 to 6 foot trees: 75c each; 10 for \$7.00; 100, \$65.00.

### SUMMER VARIETIES.

- \*Red Astrachan. Large, beautiful crimson.
- \*Tetofsky. Medium, yellow striped red, fine for eating.
- Golden Sweet. Large, pale yellow, tender, sweet.
- \*Yellow Transparent. Earliest. White, tender, juicy.
- \*Lowland Raspberry. Clear white, shaded crimson; most beautiful apple. Fruit of quality. Ideal for home.
- \*Duchess of Oldenburg. The well known. Best cooker and very productive. Yellow streaked red. Juicy, rich.
- Lubsk Queen. Most beautiful of all apples.

### AUTUMN VARIETIES.

- Fall Orange. Fruit large to very large.
- \*Longfield. A Russian variety and one of the best. Tree a strong grower.
- \*Patten's Greening. Large, round, slightly flattened. Very hardy.
- \*Wolf River. Largest of all, hardy.
- \*McMahon. Large, round, almost white with faint blush; very hardy.
- \*Dudley, or North Star. Perfectly hardy. Size and appearance of Duchess.
- \*Wealthy. Hardy, vigorous and very productive. Good for eating or cooking.



Delicious, the Popular New Fancy Eating Apple.

### WINTER VARIETIES.

- Ben Davis. Large, handsome, striped, valuable.
- Delicious. Good size, fine quality. Tree hardy. Fine eating. Most popular new variety.
- Golden Russet. Medium, dull russet, rich, crisp, juicy.
- Gano. An improved Ben Davis; deep dark red.
- Fameuse. (Snow). Medium, deep crimson, flesh white, of best quality. Most popular for eating.
- \*Hibernal. Russian; large showy fruit, striped red.
- Jonathan. Medium, red, extra quality.
- Pewaukee. A hardy winter apple; good grower.
- McIntosh. Medium size, dark red, good quality.
- \*Northwestern Greening. Hardy, of good size. Long keeper.
- Northern Spy. Large, striped, mild, rich flavor.
- Salome. Long keeper, annual bearer, good quality.
- Seek-no-Further. (Westfield). Medium to large, striped.
- \*Talman Sweet. Yellow, rich. Best sweet, good keeper.
- Windsor. Large, slightly conical, greenish yellow, good.
- \*Scott's Winter. Hardy and a long keeper. Bright red.
- Winter Banana. A beautiful golden yellow apple with a banana flavor.

## PLUMS.

Prices, 3 to 4 foot trees: \$1.00 each; 10 for \$9.50; 100, \$90.00.

- German Prune. Large, dark purple, good.
- Lombard. Medium, violet red, leading market variety.
- Reine Claude. (Bavey's Green Gage). Very large, greenish.
- Forest Garden. Very large, purplish-red, sweet and rich.
- Hawkeye. The tree is hardy, thrifty and an annual bearer. Fruit large, of superior quality, very firm and an excellent shipper.
- De Soto. Medium size, dappled red and yellow. Sweet and juicy. Tree hardy, and productive. For general planting and market.
- Hammer. Large size, firm, juicy and delicious. Tree a good strong grower.

## CHERRIES.

Prices, 3 to 4 foot trees: \$1.00 each; 10 for \$9.50; 100, \$90.00.

- \*Early Richmond. An early variety of extreme hardiness bearing large annual crops. Light to dark red, juicy.
- English Morello. Large, dark red, juicy; tree dwarf.
- \*Montmorency. Large, bright crimson, very juicy, strong, upright grower, best late variety.

## CRAB APPLES.

- Prices, 4 to 6 feet: 75c each; 10, \$7.00; 100, \$65.00.
- Hyslop. Large, deep crimson; most beautiful.
- \*Florence. Early and bears well. Fruit large.
- \*Sweet Russet. Large, greenish yellow, mild.
- Transcendant. Immensely productive, bright red.
- Whitney. One of the largest, splashed carmine, firm, juicy, pleasant, great bearer. Fine to eat.

## PEARS.

Prices, 4 to 6 foot trees: \$1.00 each; 10, \$9.50; 100, \$90.00.

- Bartlett. Large, juicy, great bearer; very popular.
- Clapp's Favorite. Very large, yellow and red.
- Howell. Large, yellow, with red cheek, early bearer.
- Flemish Beauty. Large, juicy, rich; hardest.
- Seckel. Small, yellowish brown, sweet, juicy.
- Anjou. Large, melting. Best late fall variety.
- Keiffer. Its large size and keeping and shipping qualities make it profitable for market.

# OLDS' NORTHERN GROWN SMALL FRUITS

Our Small Fruit Plants are very fine. They will be sent out direct from our Wisconsin Nursery at the proper time for planting in the spring. No orders accepted for fall planting. Planting in the fall seldom gives satisfaction and we do not recommend it. Plants and trees cannot be shipped with seeds as they are sent direct from the nursery and not from Madison.

## STRAWBERRIES.

Prices, except Everbearing, by mail, postpaid: 10 for 45c; 100 for \$2.00; 1,000 for \$11.50. By express, not prepaid: 10 for 40c; 100 for \$1.85; 1,000 for \$11.00.

**Senator Dunlap.** Most popular and best all-around variety. The plant is perfect, a rampant runner and very productive. Berries medium to large and very numerous. If you want but one order Dunlap.

**General Pershing.** New. Finest plants, biggest berries, largest yield. A splendid sort. Plants perfect.

**Gibson.** New. Perfect blossom. Ripens with Dunlap but continues longer. Berries large and also numerous.

**Warfield.** Medium size, dark red, very firm and a good shipper. Leading market variety. Immensely productive; imperfect plants.

**Splendid.** Large size, very productive, excellent quality. Medium to late. Perfect plant.

**Gandy.** Very late; berries are regular and of even size. Commands a big price when others are gone. Perfect plant.

## EVERBEARING STRAWBERRIES.

Prices, by mail: 10 for 75c; 100 for \$4.40; 1,000 for \$35.50. By express: 10 for 70c; 100 for \$4.25; 1,000 for \$35.00.

**Superb.** The best everbearing variety. Berries all summer until killed by frost; finest flavor.

**Americus.** Very popular and a good one.

**Progressive.** Another wonderful berry that bears from June until October.

## CURRANTS.

Prices, by mail: 55c each; 10 for \$4.10; 100 for \$37.25. By express: 50c each; 10 for \$4.00; 100 for \$37.00.

✓ **Cherry.** Berries sometimes half an inch in diameter.

✓ **Fay's Prolific.** The leading market variety. Extra large stems and berries. Uniform in size. Very productive.

✓ **White Grape.** Very large, yellowish white.

✓ **Black Victoria.** A strong grower, the largest black.

✓ **Perfection.** A grand currant, large berry of finest quality; two weeks later than Fay.

## GOOSEBERRIES.

Prices, by mail: 55c each; 10 for \$4.10; 100 for \$37.25. By express: 50c each; 10 for \$4.00; 100 for \$37.00.

✓ **Downing.** Most popular and best known. Large greenish white. Plant vigorous.

✓ **Houghton's Seedling.** A very productive American sort. Fruit of pale red color, very sweet.

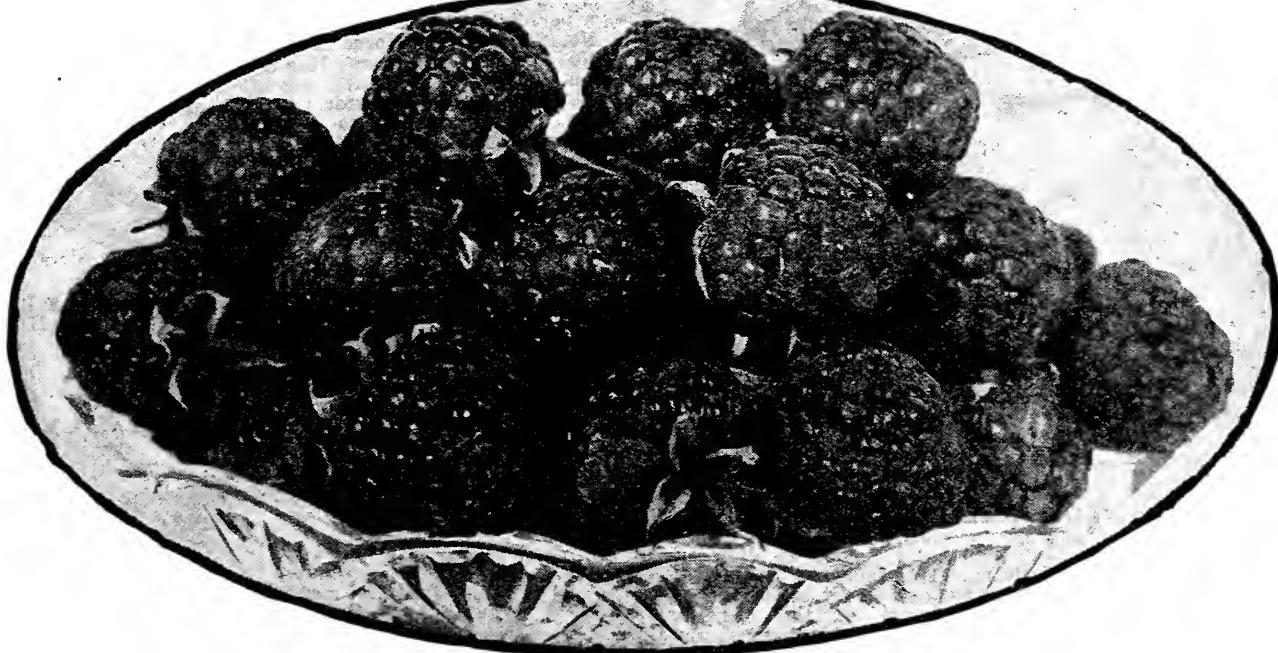
✓ **Carrie.** Of fine quality and most productive of all. The berries hang in clusters like grapes.

## BLACKBERRIES.

Prices, by mail: 35c each; 10 for \$1.50; 100 for \$10.00. By express: 30c each; 10 for \$1.40; 100 for \$9.75.

✓ **Snyder.** Hardest and most productive. Best for cold climates. Medium sized fruit.

✓ **Eldorado.** Berries large, jet black, borne in clusters. Sweet and melting. Most valuable variety.



A Dish of the Delicious St. Regis Everbearing Raspberries.

## RASPBERRIES.

Prices, including Everbearing, by mail: 35c each; 10 for \$1.50; 100 for \$10.00. By express: 30c each; 10 for \$1.40; 100 for \$9.75.

### ST. REGIS EVERBEARING.

This wonderful raspberry marks a new era with this popular fruit. Every garden should have it. Bears continuously from June until killed by frost in October, provided of course there is sufficient moisture.

Large, sweet, red berries, of the very best quality. Plant perfectly hardy and a vigorous grower.

**Cumberland.** Very productive; fruit enormous; quality unsurpassed. A black cap. The great firmness of the berry makes it a splendid shipper.

**Kansas.** Jet black, firm and delicious. The hardest black cap known, successfully withstand the winters.

**Columbian.** A vigorous grower; canes often ten to fifteen feet in length and over an inch in diameter. Never suckers from the roots. Fruit very large, dark red.

✓ **Cuthbert.** (Queen of the Market.) Large, conical; deep, rich crimson; excellent quality. A sucker variety.

✓ **Golden Queen.** Rich golden yellow. Immensely productive; a very strong grower and hardy enough even for extreme northern latitudes.

✓ **Sunbeam.** A new variety of great merit. Fruit large, bright crimson, firm and of fine quality. One of the new fruits of Prof. N. E. Hansen of South Dakota.

## HARDY GRAPES.

Prices, strong one year vines, by mail: 50c each; 10 for \$3.60; 100 for \$31.25. By express: 45c each; 10 for \$3.50; 100 for \$31.00.

✓ **Campbell's Early.** Berries large, glossy black with purple bloom, sweet and juicy. They ripen from the fifteenth to the last of August.

✓ **Concord.** The well known standard variety, succeeds wherever grapes will grow.

✓ **Brighton.** Excellent flavor and quality; one of the earliest in ripening.

✓ **Delaware.** Small, round, skin thin, light red; flesh very juicy, sweet, spicy and delicious.

✓ **Diamond.** The leading early white grape.

✓ **Moore's Early.** Bunch large, berry large, with heavy bloom, vine exceedingly hardy. Its earliness makes it desirable for an early market. Its hardiness particularly adapts it to Canada and northern portions of the United States.

✓ **Pocklington.** Large, light golden yellow; juicy, tender, sweet, with little pulp. Vine thoroughly hardy.

✓ **Worden.** A splendid grape of the Concord type, larger, better quality and earlier. Vine vigorous; hardy and productive.

✓ **Niagara.** Occupies the same position among the white varieties as Concord among the black. The leading profitable market sort.

# Planet Jr. Garden Tools

Planet Jr. tools are the greatest time, labor, and money-savers ever invented for the farm and garden. They pay for themselves in a single season in bigger, better crops, and last a lifetime. Fully guaranteed.

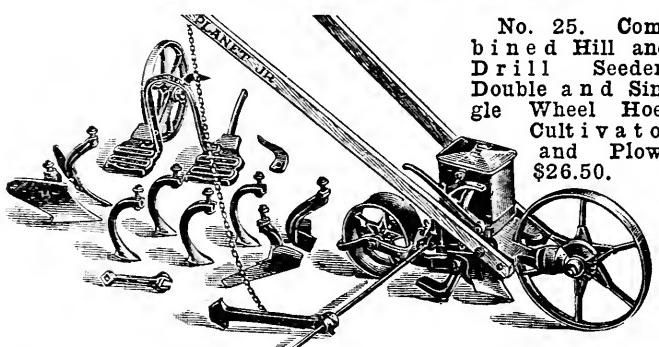
No. 4. Combined Hill and Drill Seeder.

Wheel Hoe, Cultivator and Plow; Complete \$23.50.

No. 4D—Seeder Only, \$18.75.

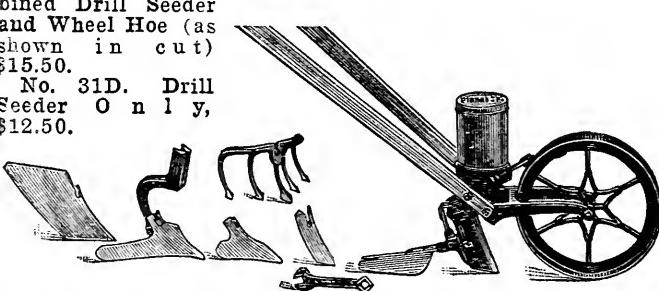


No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow, \$26.50.

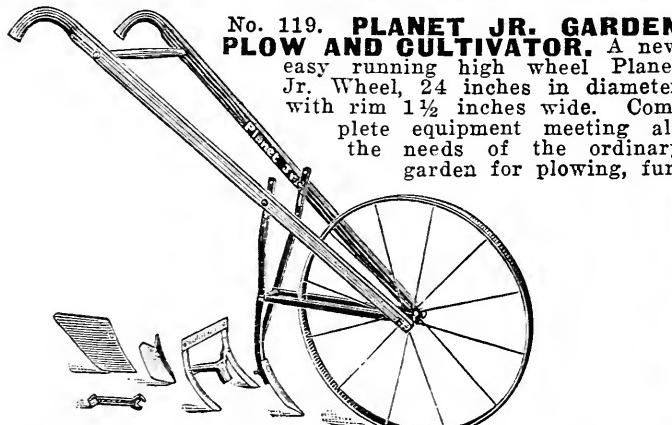


No. 31, Combined Drill Seeder and Wheel Hoe (as shown in cut) \$15.50.

No. 31D. Drill Seeder Only, \$12.50.



No. 119. **PLANET JR. GARDEN PLOW AND CULTIVATOR.** A new easy running high wheel Planet Jr. Wheel, 24 inches in diameter with rim  $1\frac{1}{2}$  inches wide. Complete equipment meeting all the needs of the ordinary garden for plowing, fur-



rowing, covering, cultivating deep or shallow, hoeing, hill-ing. The tool is built with the same care for detail that has made all Planet Jr. tools leaders. Price, \$6.50.

**MIDGET SEEDER.**  
A popular little seeder, practical for the home garden. Will drill accurately almost any kind of seed from the smallest up to peas and beans. May be easily attached with one bolt to any wheel cultivator if desired. Price, \$6.75.

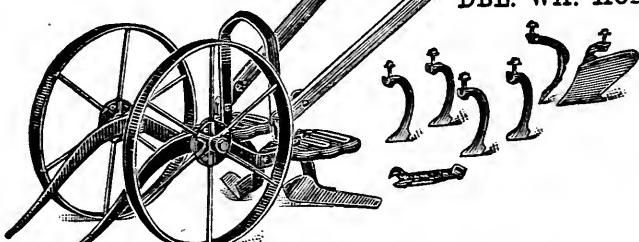


The New "Planet Jr." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

## PLANET JR. WHEEL HOES.

No. 12 Double Wheel Hoe, Cultivator and Plow..	\$15.50
No. 13 Double Wheel Hoe, (Hoes only) .....	\$11.00
No. 17 Single Wheel Hoe, (Hoes, Rakes & Plow)....	\$10.75
No. 17½. Single Wheel Hoe, (Hoes and Rakes) .....	\$9.15
No. 19 Wheel Hoe \$7.50	

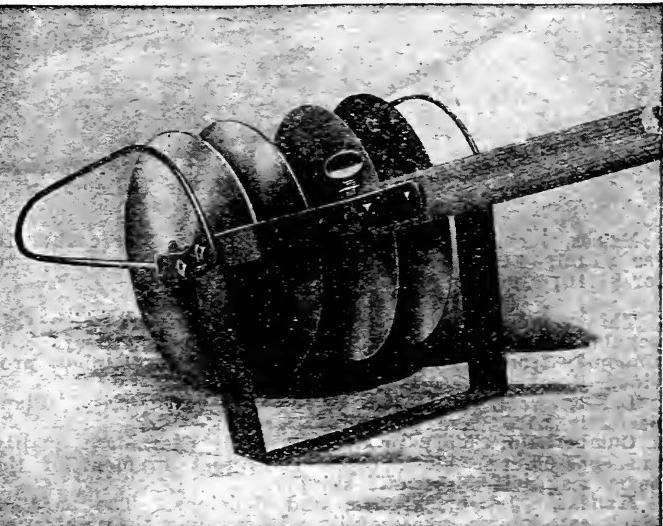
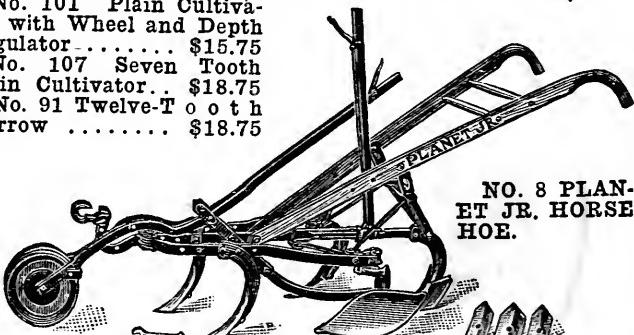
NO. 12  
DBL. WH. HOE.



## PLANET JR. HORSE MACHINES.

No. 7 Combined Horse Hoe & Cultivator .....	\$23.75
No. 8 Combined Horse Hoe & Cultivator. Widely known as a perfect horse machine. As shown below.....	\$25.00
No. 9 Combined Horse Hoe & Cultivator .....	\$21.50
No. 82 Combined Horse Hoe & Cultivator (Seven-tooth instead of five. New popular machine)	\$23.75
No. 100 Plain Cultivator with Wheel .....	\$13.25
No. 101 Plain Cultivator with Wheel and Depth Regulator.....	\$15.75
No. 107 Seven Tooth Plain Cultivator..	\$18.75
No. 91 Twelve-Tooth Harrow .....	\$18.75

NO. 8 PLANET JR. HORSE HOE.



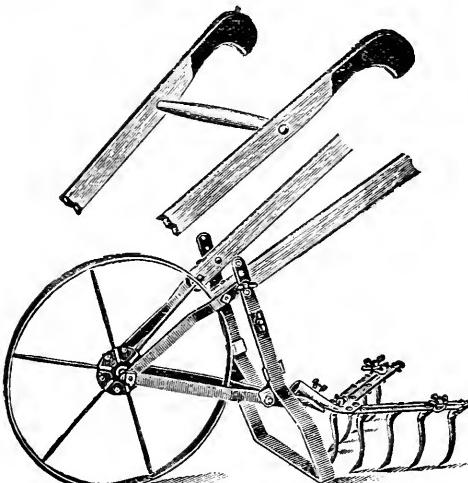
## PERFECTION GARDEN CULTIVATOR.

Perfection at last. This New Disc and Knife Weeder and Mulcher is the final evolution in hand cultivators. It does the weed killing, cultivating and mulching at one process. The stiff wire leaf guards keep the tops away.

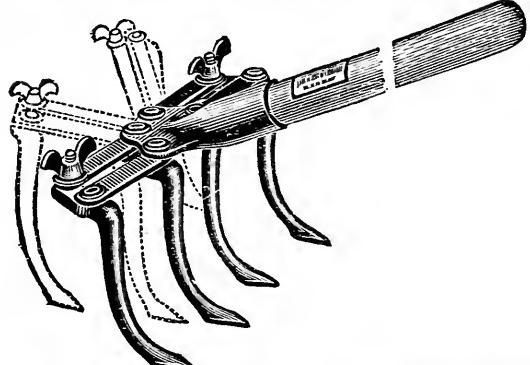
Made in three sizes, as follows:

No. 1—6 inch, for lettuce .....	\$5.50
No. 2—8½ inch, the standard size .....	\$6.50
No. 3—11 inch, for rows 14 inches apart and over	\$6.50

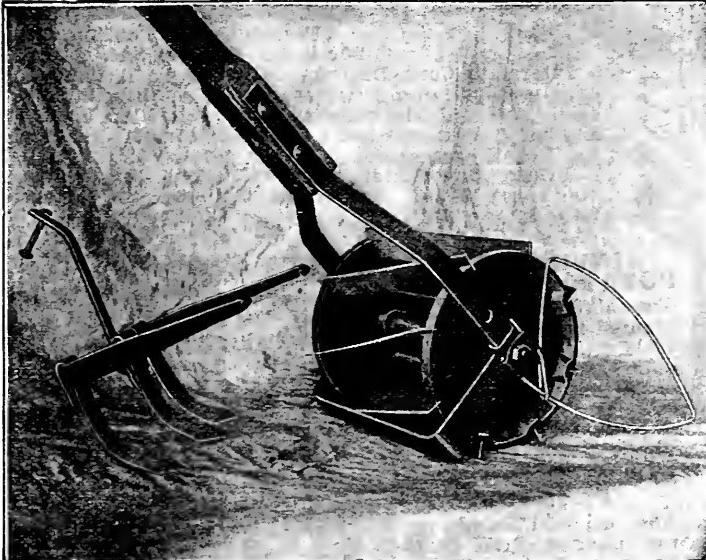
# The PULL-EASY Adjustable Garden Cultivators



No. 2 Pull Easy Wheel Cultivator.



No. 1 Pull Easy Junior Cultivator.



## BARKER

WEEDER, MULCHER  
AND CULTIVATOR

### —3 TOOLS IN ONE—

Makes Gardening Easy and Insures Best Yields.

The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation.

No. 6D. 6-Inch Cut, for lettuce, \$9.25.

No. 8½D. 8½Inch Cut, for onions \$10.60.

No. 10D. 10-Inch Cut, best for most crops, \$11.75.

No. 11D..11-Inch Cut, for beets and rutabagas, \$12.60

Prices include all attachments. Money back if not satisfied. Goods guaranteed five years.

Note—"Gardening for Profit and Pleasure," a beautiful illustrated book in colors, on weeding, mulching and cultivating, mailed free on request.

### NO. 2 PULL EASY WHEEL CULTIVATOR.

Instantly adjustable for cultivating rows of any width from 6 to 18 inches. Frame can be raised or lowered to suit the operator. Light and easily handled, weighing only 12 pounds complete.

This tool has a keen edged high carbon tool steel weed cutter 9 inches wide. Under most conditions both cultivator and weed cutter can be used at the same time. The cultivator can be quickly detached, put on a hoe and used as a hand tool.

The wheel is 14 inches in diameter—plow style, maple handles. Price ..... \$1.50

### NO. 5 PULL EASY WHEEL CULTIVATOR.

The same as No. 2 as shown in the illustration except that the cultivator has 5 teeth instead of 9. Equipped with same weed cutter, 14 inch wheel, plow handles, etc. A very satisfactory tool. Price, \$4.50.

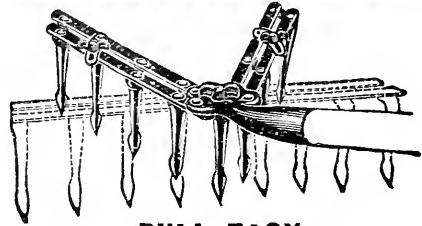
### NO. 1 PULL EASY JUNIOR CULTIVATOR.

This tool has a short 10-inch handle as shown in the cut and is designed for careful close work in flowers beds or around bushes and low-spreading plants. Adjustable from 2 to 6 inches wide. Price, 60c; by mail, 70c.

### NO. 4 PULL EASY JUNIOR CULTIVATOR.

The same as No. 2 but with a 4 foot handle. Designed especially for women and children to use in vegetable gardens. A big favorite in school garden plots.

Price, 80c.  
Not mailable.

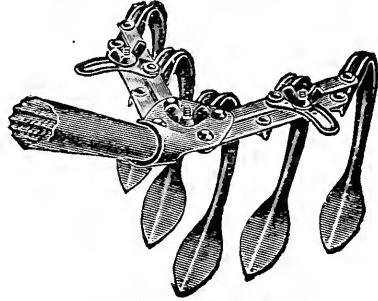


### PULL EASY CULTIVATOR RAKE.

At full width of 18 inches this is better than an ordinary rake for preparing the seed bed, because of the sturdy, long teeth. When vegetables are small the middle tooth may be quickly removed for straddling plants and working two rows at once.

By means of wide-winged thumb nuts at ends of parallel bars, it is changed for cultivating in one stroke for any width of row from 7 to 18 inches. 4½-foot handle.

Price, \$1.65. Not mailable.



### PULL EASY CULTIVATOR HOE.

Combines the convenience of the popular 5-prong style with the additional advantage of the great PULL EASY adjustable feature. Teeth are 9 inches long and very broad and strong. Adjustable in width from 6 to 12 inches. Middle tooth removable.

Price, 4-foot handle, \$1.40.  
(Ask for Pull Easy folder.)

### HERO CORN GRADER.

A Corn Grader that is a real grader. You cannot grade seed corn and do a good job with a fanning mill. You should plant kernels that are all alike in size and shape if you want a perfect uniform stand. The Hero grades that way.

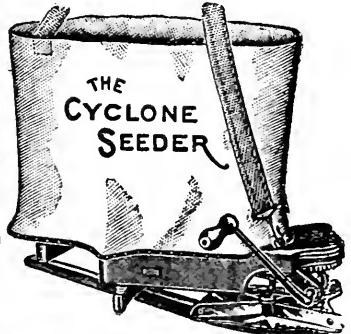
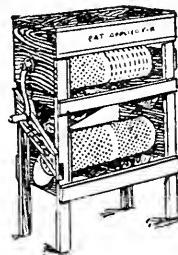
Leading farmers and corn growers everywhere testify to the perfect work done by this grader. It will pay for itself in one season.

Price ..... \$18.00

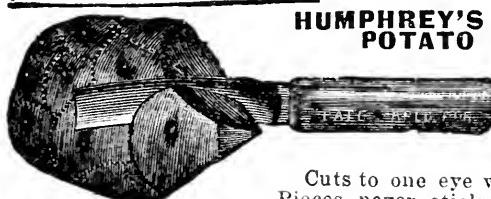
### CYCLONE SEEDER.

The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even larger grains. \$2.75. By mail, \$3.00.

Tools and miscellaneous items are not mailable unless a mail price is quoted.



### HUMPHREY'S CONCAVE POTATO KNIFE.



Cuts to one eye without injuring. Pieces never stick together. Price, 30c; 3 for 75c, postpaid.

# "Norcross" Cultivator--Hoe and Weeder



Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled.

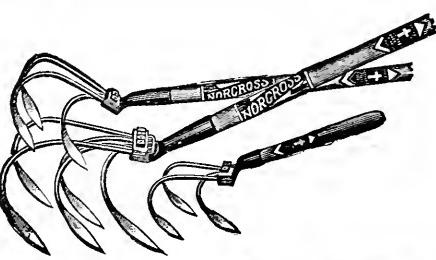
The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil from one to five inches deep, as required.

Detachable steel prongs, malleable head, extra high grade handles. Finely finished throughout.

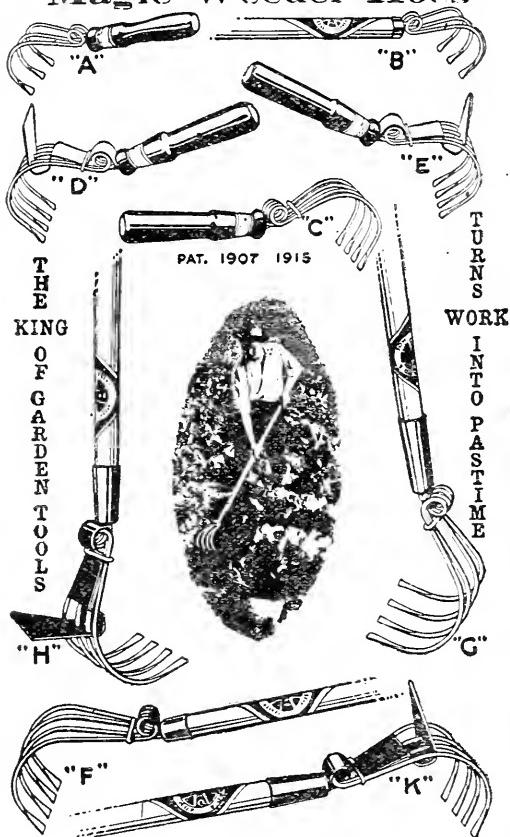
Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

## THREE SIZES AND PRICES.

5-prong, 4 foot handle, wt. 3 lbs.	\$1.35
3-prong, 4 foot handle, wt. 2 lbs.	1.00
"Midget," 9 inch handle, wt. 12 ounces	.50c
(Midget by mail, prepaid, .55 cents. Other sizes not mailable.)	



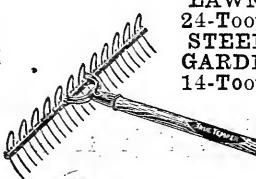
## Magic Weeder Hoes



THE KING OF GARDEN TOOLS

## MAGIC WEEDER HOES.

Style	By Mail	By Exp.
A. 3-Tine Hand Weeder	20c.	15c
B. 18-Inch Handle	30c.	25c.
C. 4-Tine, Adjustable Width	40c.	35c.
D. With 1 1/2-Inch Blade	50c.	45c.
E. With "V" Blade	50c.	45c.
F. 4-Tine, 42-Inch Handle	75c.	
G. 48-Inch Handle, Strong & Heavy	1.00	
H. 48-Inch Handle, 3-Inch Blade	1.25	
K. 48-Inch Handle with "V" Blade (Long Handled Hoes not mailable.)	1.25	
LAWN RAKE, 24-Tooth.	85c.	
STEEL BOW, GARDEN RAKE, 14-Tooth.	\$1.25	



7 1/2-in. Shank Hoe	\$1.25
7 1/2-in. Socket Hoe	\$1.35
Sugar Beet 7 1/2-in. Hoe	\$1.35
Spading Fork, Light	\$1.85
Heavy	1.90



Steel 6 in. Garden Trowel, 20c each. By mail, 25c.

Transplanting 7-in. Trowel, 25c each. By mail, 30c.

Interstate Corn Dryers. Made in small sections, each section holding two ears only, so that they are easily and quickly hung up, one section on another and may be stored away in close, compact form at the end of each season.

Price: One Carton of 200 Sections (enough for 400 ears) \$4.00; 5 Cartons, \$19.00; 10 Cartons, \$37.50.

(As for Interstate circular for further description.)

## INVINCIBLE POTATO PLANTER.

Two acres a day can be planted with one of these tools. The sharp jaw enters the ground as easily as a spade.

Price, \$2.35.

Extra Springs for Invincible, 10c each.

## ACME POTATO PLANTER.

The original hand potato planter. Price \$1.25.



## PAINTED POT AND GARDEN LABELS.

### By Mail. By Express

	25	100	25	100	1000
2 1/4-inch	\$0.25	\$ .75	\$0.20	\$ .65	\$6.00
2 1/2-inch	.30	.80	.25	.70	6.75
3 -inch	.35	1.15	.30	1.00	9.50
3 1/2-inch	.45	1.50	.40	1.30	12.00
4 -inch	.55	1.90	.50	1.70	16.00
5 -inch	.85	2.90	.70	2.60	24.00
6 -inch	1.20	3.80	.90	3.35	31.00

1000

1000



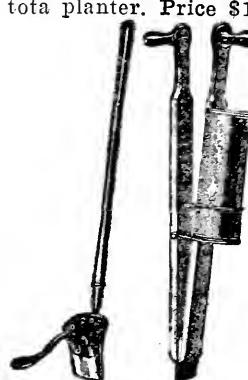
## RED CLAY FLOWER POTS.

We are discontinuing clay flower pots. Have two sizes only in stock. Low prices while they last. Not mailable. (Six at dozen rate, 50 at 100 rate.)

Each	Doz.	100	1000
2 inch	\$ .03	\$ .17	\$1.10
2 1/4 inch	.03	.20	1.10

8.00

8.00



## ACME CORN PLANTER.

Simple, durable and accurate. Price, plain, \$1.25; with Pumpkin Seed Attachment, \$1.50.

Tools and miscellaneous items are not mailable unless a mail price is quoted.

## OLDS' COMMERCIAL FERTILIZERS

### Why Use Fertilizers?

Did you ever stop to figure what a lot of work it takes to grow a bushel of corn? Suppose the yield of one of your fields is at the rate of sixty bushels per acre. If you count off 58 hills and husk out the ears, you will find that you have about a bushel. Then go over to a field where the soil produces only a thirty-bushel crop. You will find when you have husked out a bushel there, that you have gone over about 116 hills—58 more than were needed in the other field. Big yields of corn or of any crop pay better. Fertilizers increase yields and profits when properly used.

Fertilizers contain three plantfoods—ammonia, phosphoric acid and potash. Some fertilizers contain all three of these; some have only two, while others contain but one plantfood. This variation gives you a chance to select the fertilizer which will fit the conditions on your farm.

### NITROGEN OR AMMONIA.

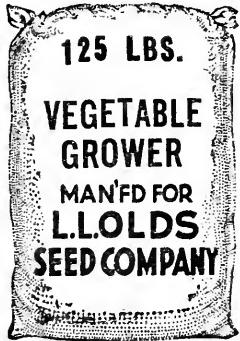
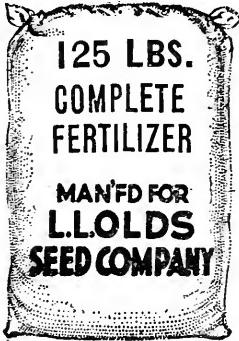
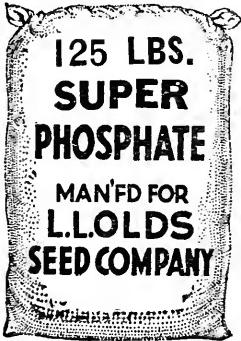
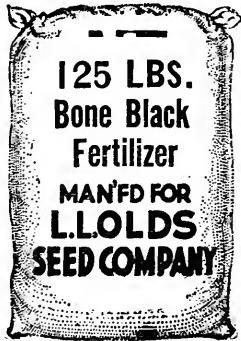
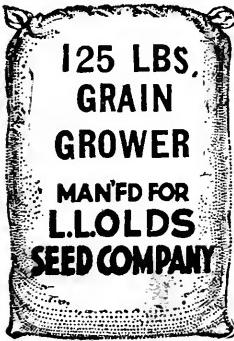
Fertilizer nitrogen enables the plant to get a quick start and carries it along through a critical period. It promotes leafiness, and gives a dark green color to foliage.

### PHOSPHORIC ACID.

Phosphoric acid helps fill the grain or fruit and hastens ripening. Cereals are especially heavy feeders on this plantfood. Most soils respond profitably to a fertilizer containing phosphoric acid.

### POTASH.

Potash strengthens the straw or stalk, increases starch and sugar formation and makes for a better quality. Potatoes, root crops, and most truck crops use potash in large quantities.



**GRAIN GROWER.** (0-12-2) A fertilizer adapted to black soils rich in nitrogen. It encourages the growth of stiff straw and makes large, plump kernels and well filled heads. 125 lbs., \$2.75; 1,000 lbs., \$21.00; \$2,000 lbs., \$41.50.

**BONE BLACK FERTILIZER.** (2-8-2) For lawns and grass lands. Mix thoroughly with the soil before seeding at the rate of twenty pounds to 1,000 square feet. As a top dressing on established sod use ten pounds per thousand square feet. 10 lbs., 40c; 25 lbs., 90c; 125 lbs., \$3.25; 1,000 lbs., \$25.00; 2,000 lbs., \$49.50.

**SUPER-PHOSPHATE.** (0-16-0) For use in supplementing farm manure. Use 50 pounds to each load of manure or apply separately 100 to 300 pounds per acre. 125 lbs., \$2.60; 1,000 lbs., \$19.50; 2,000 lbs., \$38.50.

**COMPLETE FERTILIZER.** (1-10-1) This is our biggest seller for corn and sugar beets. Increase your corn crop and hasten its maturity by using this brand. 125 lbs., \$2.85; 1,000 lbs., \$21.50; 2,000 lbs., \$42.50.

**VEGETABLE GROWER.** (2-8-5) A highly concentrated fertilizer for potatoes, truck and garden crops. Potatoes and truck crops are heavy feeders of plant food, so for the best results use this high grade brand. It pays. 10 lbs., 45c; 25 lbs., \$1.00; 125 lbs., \$3.85; 1,000 lbs., \$29.00; 2,000 lbs., \$57.50.

**PEAT LAND SPECIAL.** (0-10-8) For marsh lands rich in nitrogen but lacking potash. 125 lbs., \$3.65; 1,000 lbs., \$28.00; 2,000 lbs., \$55.50.

**NITRATE OF SODA.** (16-0-0) Not a substitute for other manures but the cheapest form for applying nitrogen to plants. 125 lbs., \$6.15; 1,000 lbs., \$47.75; 2,000 lbs., \$95.00.

(Our Fertilizers are put up in 125 pound sacks. The analysis figures refer to the percentage in each brand—first, of ammonia, second, of available phosphoric acid, third, of potash.)

**BEAUTIFUL ILLUSTRATED BULLETINS** for those interested.

Alfalfa and Its Culture.

Corn and Its Culture.

Vetch and Its Culture.

Important Factors in Potato Production.

Seeding to Grass and Clover.

How to Make Money with Fertilizers.

Winter Wheat and Its Culture.

(Ask for the ones wanted.)



(Ask for folder "The Ideal Fertilizer," telling how to use sheep manure with different crops.)

## NITRO-FERTILE

The Liquid Fertilizer. A absolutely odorless, free from weed seeds or bulk waste, quick

in action, and very easy to apply. Mix one tablespoonful to a gallon of water for house or potted plants; two tablespoonfuls to a gallon for lawns, shrubs, flowers or vegetables. Can be used throughout the growing season, supplying food when the plants need it most. Contains 2% nitrogen, 3% Phosphoric Acid and 3% Potash. One quart fertilizes 1500 square feet. One gallon is enough for the average lawn and garden for the season. Will keep indefinitely.  $\frac{1}{2}$  pint, 35c; 1 pint, 60c; quart, \$1.00; gallon \$3.00. (Not mailable.)



**RED SNAPPER PLANT FOOD.**—Wonderfully rich, very nutritious, yet harmless fertilizer for plants. Its effect can be noticed within a few days after the first application. Color of foliage becomes a darker green and flowers and blossoms take on a beauty of coloring. Is made from the head bones and nitrogenous cartilage of the Red Snapper fish, dried under intense heat, mixed with other organic plant foods. Sterilized, clean and sanitary, and can be used in the finest homes and conservatories as well as for outside use. Prices: 10 ozs., 25c; by mail, 30c; 2 lbs., 50c; by mail, 60c; 5 lbs., \$1.00; by mail, \$1.25.

## STERLINGWORTH PLANT TABLETS



**PLANT TABLETS.** Take the place of liquid manure. Used by dissolving in water. Starts the plants at once into healthy and vigorous growth.

Prices: 30 tablets, sufficient for 10 house plants 3 months, 10c postpaid; 100 tablets, regular size box, 25c postpaid; 250 tablets, 50c postpaid.

**POWDERED TOBACCO.** For aphids, fleas, beetles, etc. Lb., 20c; by mail, 30c; 5 lbs., 50c; 10 lbs., 75c; 100 lbs., \$5.00.



## MYERS BARREL SPRAY PUMP.



Myers Barrel Spray Pump.

The necessity of spraying orchards is now generally recognized, and a pump that can be attached to a barrel is necessary for trees of any size. The Myers Improved Brass Barrel Spray Pump No. 305, with Bronze Ball Valves, Brass Cylinder and Discharge Pipe, is thoroughly practical and we believe the best on the market. The air chamber is 30 inches in length; it has a good leverage, and is easily operated.

Price, Complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, \$22.00.

(Price does not include barrel.)

### BUCKET SPRAY PUMP.

Made of brass with ball valves with all the advantages of the ordinary barrel pump and bucket pump combined.

Bucket Spray. Price, Complete, with hose and Bordeaux nozzle, \$6.50.

### PERFECTION SPRAYER.

The sprayer with a tank made like a steam boiler.

For Spraying, Disinfecting or Whitewashing. For use on Plants, Bushes, Vines, Hen Houses, etc. Tank 7½ in. by 20 in., lock seamed with twenty-four rivets. Capacity 4 gallons. All furnished with automatic shut-off nozzles.

Price, Galvanized, \$8.75. Brass, \$12.50.

Perfection Double Row Attachment. For spraying two rows potatoes at once, 75 cents extra. Extra Perfection Nozzles, \$2.00 each.

### AUTO-SPRAY NO. 1.

Tested and guaranteed to be satisfactory. Will handle all solutions including whitewash. Equipment, 2 feet of ½-inch hose, fine spray nozzle, solid stream cap, and either stop cock or automatic auto-pop, as ordered.

No. 1-A, Brass tank with Stop Cock.....	\$11.50
No. 1-B, Brass tank with Auto-Pop.....	12.00
No. 1-C, Galy. tank with Stop Cock.....	8.50
No. 1-D, Galy. tank with Auto-Pop.....	9.00
Brass Extension, 2 foot .....	.65
Galvanized Extension, 2 foot .....	.60

### LENOX SPRAYER.

Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap make one of the best sprays. The Lenox Sprayer is the most serviceable for house and garden.

Price (including a cake of tobacco soap) 60 cents postpaid.

### SAVO SELF WATERING FLOWER AND PLANT BOXES.

For Windows and Porches.

Plants are kept healthy and fresh the year round by absorbing the exact amount of water they require from below and allowing a perfect circulation of AIR to pass up through the soil causing it to be mealy and loose, making the life and growth of the plant a certainty.

Model A, 23 inch Flower Box.....	\$3.50
Model B, 29 inch Flower Box.....	4.00
Model C, 35 inch Flower Box.....	4.50
Model D, 41 inch Flower Box.....	5.00

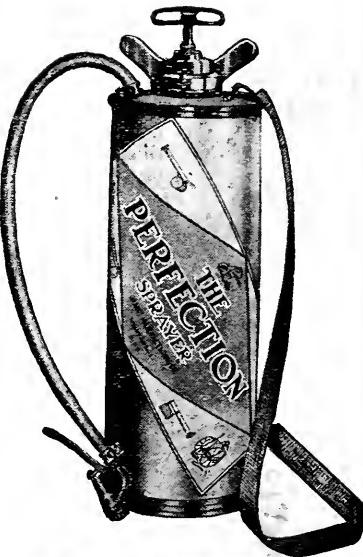
### ADJUSTO PLANT SUPPORT.

An adjustable, practical and durable plant support. Consists of two parts: an oak stake pointed at the bottom and painted green and a hoop of toughest wire, also painted green to prevent rust. It holds securely any flower or plant and can be adjusted to any height to conform with the plant's growth. Indispensable for Roses, Dahlias, Tomatoes, Potted Plants, etc.

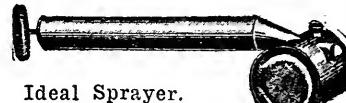
With 3 ft. stake, 20c each.; doz. \$1.75

With 4 ft. stake, 23c ea.; doz. 2.00

With 5 ft. stake, 25c ea.; doz. 2.25



Auto Spray, No. 1.



One quart, very strong, 60c.

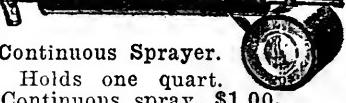


Perfection. One Quart 60c.



Glass Tank Sprayer.

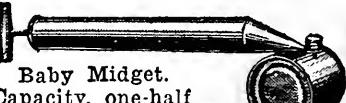
With Quart Mason fruit jar, 75c.



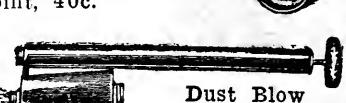
Continuous Sprayer.

Holds one quart.

Continuous spray, \$1.00.



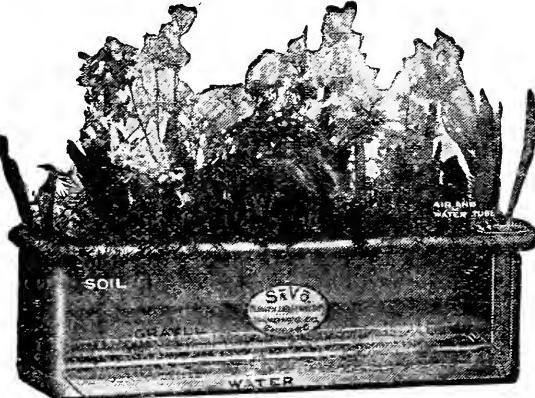
Baby Midget.  
Capacity, one-half pint, 40c.



Dust Blow Sprayer.  
For applying poison and disinfectants in powder form, 35c.

Any hand sprayer except the Glass Tank, which is unmailable, 10 cents extra by mail.

Lenox Sprayer.



### DUSTER BROWN.

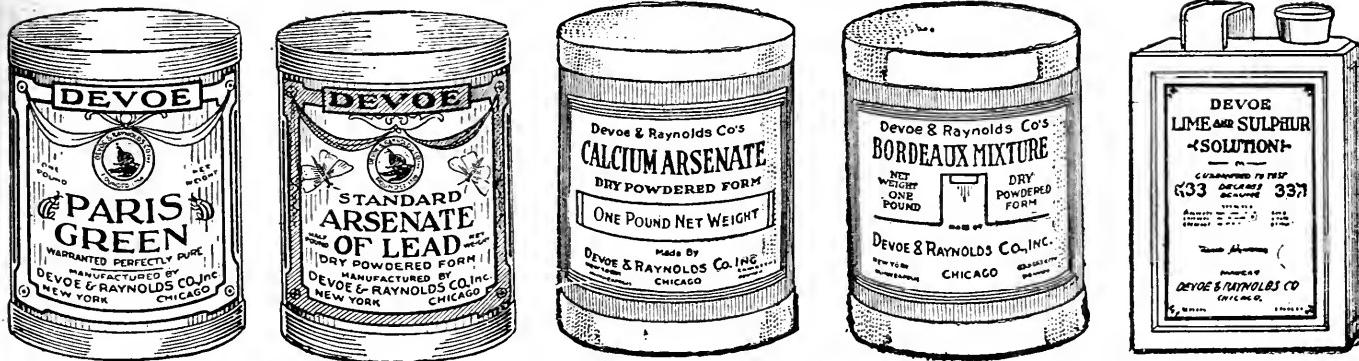
A double acting continuous dust gun for use in dusting small trees, garden truck and for general dusting use.

The container and the pump are in one cylinder. The manifold on the top encloses both valves and makes it possible for the operator to blow a steady stream of dust. The container holds approximately one quart and the air jet is so arranged that it acts as an agitator.

Price \$2.75; by mail, \$2.85



## INSECTICIDES AND FUNGICIDES



**PURE PARIS GREEN.** A strong effective poison for potato bugs, tobacco and other leaf eating insects.

Prices:  $\frac{1}{2}$  lb., 25c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c; 2 lbs., \$1.30; 5 lbs., \$3.15; 1 $\frac{1}{2}$ , 28 and 56 lb. pails (subject to change) at 60c per pound. Not mailable.

**ARSENATE OF LEAD POWDERED.** For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage. The dry form is superior to the paste, and used more and more in place of Paris Green.

Prices:  $\frac{1}{2}$  lb., 35c; 1 lb. 65c; 5 lbs., \$2.90; 10 lbs., \$4.80; 25 lbs., \$10.75; 100 lbs., \$37.00. Not mailable.

**DRY CALCIUM ARSENATE.** Used in the same manner and for the same purposes as Arsenate of Lead, but costs less and just as effective. Sticks to the leaves. One application lasts a long time.

Prices: Lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.10; 25 lbs., \$8.25; 100 lbs., \$30.00. Not mailable.

**"SURE NOXEM."** For gardeners and fruit growers. Kills insects and worms of all kinds. Pound carton (sifter top) 20c; by mail, 30c.

**DRY BORDEAUX MIXTURE.** The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. One pound will make 50 pounds liquid. Can be used just as needed. Every potato grower realizes now the importance of spraying for blight. The dry Bordeaux goes further than the paste form.

Prices: Lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.50; 25 lbs., \$7.50; 50 lbs., \$12.50; 100 lbs., \$23.00. Not mailable.

**LIME SULPHUR.** Best of all sprays for fruit trees. Recommended by all experiment stations. Our Devoe stock is guaranteed to test 33 degrees Beaume and is free from insoluble matter.

Prices: Qt., 45c; 2 qts., 65c; gal. \$1.05; 5 gals., \$4.50; 30 gals., \$10.25; 50 gals., \$15.75.

Empty barrels returnable. \$3.00 each allowed for 50-gallon barrels, \$1.75 for 30-gallon, freight paid to Madison.

**ARSENITE ZINC POWDERED.** The very best thing for killing potato bugs. Largely used now by prominent potato growers in Wisconsin and other states. It sticks and does not injure the vines at all. Kills the bugs in three hours.

Prices: Lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.25; 25 lbs., \$9.00; 50 lbs., \$17.00.

**NOTICE.** All of the above are poisons and are not mailable. We have separate booklets on all the above, also a booklet, "Devoe Spray Calendar," all free on application.



### HAMMOND'S SLUG SHOT.

A fine powder, easily distributed by duster, or in water by spraying. Thoroughly reliable for killing currant worms, potato bugs, cabbage worms, lice, slugs, etc. Cheapest and most effective remedy.

Prices: 1 lb. tin canister with perforated top, 50c; by mail, 60c; 1 lb. carton with perforated top, 20c; 5 lbs., 60c; 10 lbs., \$1.10; 25 lbs., \$2.50; 125 lb. keg with duster \$11.50; 250 lb. barrel with duster \$20.50. Not mailable, except in pound canisters.

### BLACK LEAF 40

A powerful and effective liquid insecticide, for use against aphids, thrips, leafhoppers and other soft bodied sucking insects. Recommended by Experiment Stations and Entomologists. Use this for the potato leafhopper. Use by simply adding water.

Prices: 1 oz., 25c;  $\frac{1}{2}$  lb., \$1.00; 2 lbs., \$3.25; 10 lbs., \$13.75. Not mailable.

### SULPHO-TOBACCO SOAP.

A powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of pests.

3-oz. Cake (makes 1 $\frac{1}{2}$  gals. prepared solution), 10c; by mail, 13c; 8-oz. Cake, 20c; by mail, 25c.



### ENOZ MOTH LIQUID.

A standard article used by woolen goods manufacturers and dealers and furriers. Needed in every household in the country. Completely rids the premises of the moth evil. Moth balls, camphor, cedar chests, etc. are only makeshifts.

Prices: Pint, \$1.00; qt., \$1.75; Not mailable. Enoz Improved Moth Spray, \$1.00.



### BUG DEATH.

An Insecticide Free from Paris Green and Arsenic.

Does not burn the leaves, however freely applied. May be applied wet or dry. It kills all kinds of bugs and worms that eat the leaves of plants, trees or vines and prevents blight. Does not injure the foliage, but keeps it green and healthy.

Prices: 1 lb. carton with perforated top, 20c; by mail, 30c; 3 lbs., 45c; 5 lbs., 65c; 12 $\frac{1}{2}$  lbs., \$1.50; 100 lbs., \$9.50. Not mailable except in pound cartons.

**BUG DEATH APHIS.** A new companion preparation to Bug Death. For sucking insects. Particularly for use on fruit trees, berry bushes, and house plants.

Prices: 12 oz. pkg., 20c; by mail, 30c; 80 lb. keg, \$9.50.



**BUG DEATH DUSTER.** Price, 50c. By mail, 60c.

**BUG DEATH SIFTER.** The ideal tool for applying Bug Death and Slug Shot dry. Price, 75c; by mail, 85c.

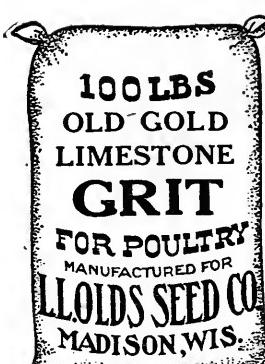
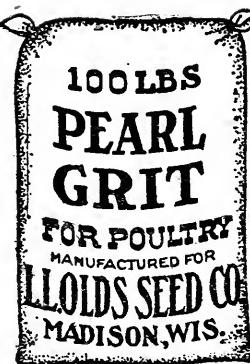
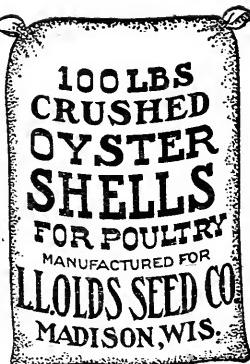


**CUT WORM KILLER.** 1 lb. box (sufficient for 175 plants), 30c; by mail, 40c.

**PYROX.** Pyrox kills bugs and worms, prevents disease and invigorates the plants. It is a smooth, creamy paste which is all ready to use by simply mixing with cold water. It sticks like paint and protects the crop during all the growing season. Prevents blight on potatoes. Will not wash off in the heaviest showers. One of the best sprays for apple trees, an insecticide and fungicide combined. Equally valuable for small fruits and recommended also for tomatoes, cucumbers and other vegetables.

Our "Pyrox Book" gives complete garden and spraying information. Ask for copy.

Prices: Lb., 45c; 5 lbs., \$1.90; 10 lbs., \$3.25; 25 lbs., \$6.75.



#### SWIFT'S MEAT SCRAPS.

The finest thing to make hens lay in winter. Feed 3 times a week one ounce to each fowl. Prices: 5 lbs., 40c; 25 lbs., \$1.60; 50 lbs., \$2.90; 100-pound sack, \$5.50; 3 sacks at \$5.40.

#### PRATT'S BABY CHICKFOOD

For the first three weeks. Prices: 2½ lbs., 30c; by mail, 45c; 5¾ lbs., 60c; 14 lbs., \$1.35; 25 lbs., \$2.25; 50 lbs., \$4.25.

#### CONKEY'S BUTTERMILK STARTING FEED.

A famous chick feed for the first 8 weeks. It gives the chicks buttermilk in concentrated form in exactly the amount needed. With the buttermilk is a combination of grains, in just the right proportion. It is all the chicks need the first 8 weeks except greens:

grit, clean water and Old Gold Chick Food in the litter to induce exercise.

Prices: 2½ lbs., 30c; by mail, 45c; 5 lbs., 55c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.

#### Blatchford's "Fill the Egg Basket" Egg Mash

Fed dry, just as it comes from the bag, it is the best food for all kinds of poultry. Contains a perfectly balanced combination of milk, meat and grains, ground for easy digestion.

Prices: 25 lbs., \$1.25; 100 lbs., \$4.50.



Blatchford's Rabbit Meal. 5 lbs., 50c; 25 lbs., \$1.60; 100 lbs., \$5.75.

#### OLD GOLD POULTRY FOOD.

Olds' Old Gold Poultry Food is a complete feed for laying hens. Contains wheat, cracked corn, kaffir corn, sunflower, barley and buckwheat. Duly analyzed and licensed, and every sack guaranteed.

Prices: 10-pound sack, 35c; 100-pound sack, \$3.25; 3 sacks at \$3.15. Special prices in quantity. (With sprinkling of grit 10c per 100 pounds less).

#### OLD GOLD CHICK FOOD.

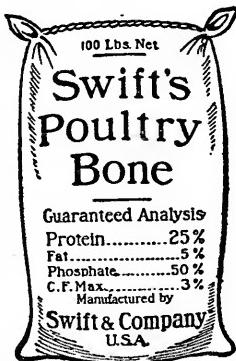
Old Gold Chick Food is a dry food, suitable for chicks up to 8 weeks old. It contains cracked wheat, cracked corn, cracked kaffir corn, hulled oats and millet. Licensed and guaranteed.

Prices: 10-pound sack, 35c; 100-pound sack \$3.40; 3 sacks at \$3.30. (Prices on poultry and chick food are subject to change. Ask for "Weekly Price List of Poultry Feeds and Supplies.")

**OYSTER SHELLS.** 100-lb. sack, \$1.50; 3 sacks at \$1.45.

**PEARL GRIT.** 100-lb. sack, \$1.05; 3 sacks at \$1.00.

**OLD GOLD LIMESTONE GRIT.** 100 lbs., \$1.05; 3 sacks at \$1.00.



#### POULTRY GRAIN.

(Prices are subject to change. Write for "Weekly Price List.)

Per 100 lbs.

Feed Wheat	\$3.75
Cracked Wheat	4.00
Kaffir Corn	2.50
Cracked Corn, coarse	2.40
Cracked Corn, fine	2.45
Sunflower	7.00
Feed Millet	3.25
Hulled Oats	4.50

#### CONKEY'S BUTTERMILK GROWING MASH.



For developing pullets and broilers. It is not enough to start a chick right — it is equally essential to help it to maturity if you want to make money. Money-making pullets and fancy broilers cannot be produced with wrongly proportioned food. Butter milk Growing Mash

is the ideal feed after the eighth week. Prices: 10 lbs., 90c; 25 lbs., \$1.75; 100 lbs., \$6.25.

#### BLATCHFORD'S MILK MASH

Will Save your Baby Chicks

No more Bowel Trouble, Leg Weakness or White Diarrhea. Try a bag of this complete milk substitute for all kinds of young poultry. Grows

— matures 2½ lbs. at 8 weeks!  
— fattens Contains no drugs. Every bit food.

Prices: 4 lbs., 40c; 25 lbs., \$1.60; 100 lbs., \$5.75.



#### CONKEY'S BUTTERMILK LAYING MASH.



A real egg-producing food. With its buttermilk content it provides a perfectly proportioned combination when fed in connection with greens and any good scratch feed such as Olds' Old Gold Poultry Food. To produce eggs in abundance the flock must have exactly the right rations.

Prices: 10 lbs., 85c; 25 lbs., \$1.65; 100 lbs., \$5.75.

#### Blatchford's Calf Meal THE COMPLETE MILK-EQUAL



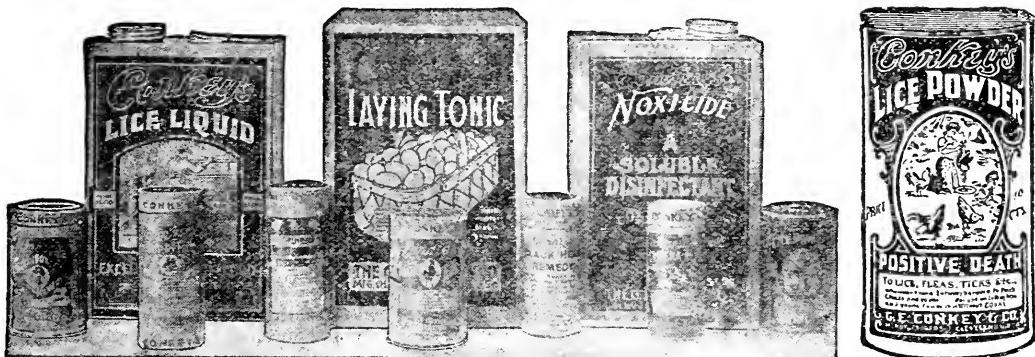
Just the thing to raise or veal your calves right from birth. Then sell your milk and get the benefit of the high creamery prices.

It is absolutely the only milk substitute that contains all the elements necessary for rapid and healthy growth.

100 pounds make 100 gallons of Complete Milk Substitute.

Prices: 25 lbs., \$1.60; 50 lbs., \$2.90; 100 lbs., \$5.75.

## CONKEY'S REMEDIES.



**Roup Cure.** For sneezers. 30c, 60c and \$1.20, postpaid.  
**Roup Pills.** For Roup, Colds, Catarrh, etc. 30c, postpaid.  
**Bronchitis Remedy.** 60c. Postpaid, 65c.  
**Canker Special.** Checks canker; 60c. Postpaid, 65c.  
**Gape Remedy.** Cures and prevents; 60c. Postpaid, 65c.  
**Limber Neck Remedy.** 60c. Postpaid, 65c.  
**Scaly Leg Remedy.** 30c. By mail, 35c.  
**White Diarrhoea Remedy.** 30c and 60c, postpaid.  
**Head Lice Ointment.** 15c and 30c, postpaid.  
**Poultry Worm Remedy.** 30c, postpaid.  
**Cholera Cure.** 30c and 60c, postpaid.  
**Lice Liquid.** Qt., 60c; 2 qts., 90c; gal., \$1.50

## PRATT'S REMEDIES.



### PRATT'S POULTRY REGULATOR.

Insures quick growth and freedom from disease.  
25 lbs., \$3.00; 12 lbs., \$1.75; 9 lbs., \$1.20; packages,  
60c and 30c; 75c and 40c postpaid.

Pratt's Roup Remedy, 30c and 60c postpaid.

Pratt's Cholera Remedy, 30c postpaid.

White Diarrhoea Remedy. 30c and 60c, postpaid.

Poultry Disinfectant. Kills disease germs. Qt., 60c; 2  
qts., \$1.00; gal., \$1.75. Not mailable.

Powdered Lice Killer. 5 ozs., 15c; by mail 20c; lb.,  
30c; by mail 35c; 2½ lbs., 60c; by mail 70c.

Condition Tablets. A splendid tonic. 30c, postpaid.

Lee's Germozone. A famous remedy, 75c. Not mailable.

Lee's Germozone Tablets, 75c, postpaid.

Zenoleum. A popular cure for poultry and stock. 8 ozs.,  
35c; qt., 75c; 2 qts., \$1.25; gal., \$2.00. Not mailable.

Carbolineum. Used for four distinct purposes—preserving  
wood, killing chicken mites, keeping flies from horses  
and cattle and preventing crickets from destroying binder  
twine. Prepared ready for use. Gallon can, \$1.50.

**Lice Powder.** 5 oz., 15c; by mail, 20c; 15 oz., 30c;  
by mail, 35c; 48 oz., 60c; by mail, 80c; 12 lb. pail, \$1.60;  
25 lb. pail, \$3.00.

**Poultry Tonic.** 1½ lbs., 30c; by mail, 40c; 3¼ lbs.,  
60c; by mail, 80c; 12 lbs., \$1.60; 25 lbs., \$3.00.

**Noxicide.** A wonderful disinfectant and germicide. Pt.,  
50c; qt., 75c; 2 qts., \$1.25; gallon, \$2.00. Not mailable.

**Sulphur Fumigating Candles.** 15c each. By mail, 20c.

**Poultry Book.** Filled with the best kind of information.  
Price, 50c, or free on request with orders amounting to \$1.00.

**Fly Knocker.** For stockmen and dairymen. Qt., 75c;

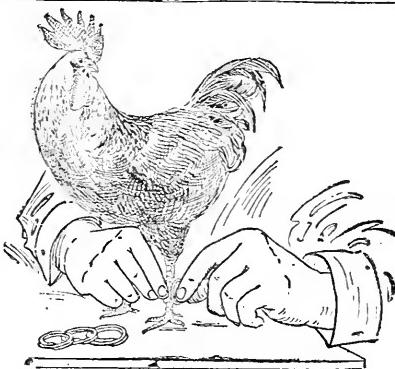
2 qts., \$1.25; gal., \$2.00; 5 gals., \$9.50.

### SPIRAL CELLULOID LEG BANDS.

Most popular style of leg band. Assorted colors, light blue, dark blue, red, pink and yellow. Two sizes. American and Med'n, 12, 20c; 25, 35c; 100, 90c. Postpaid.



Double Clinch.



**COLORED VICTOR.** Made of aluminum, celluloid numbers; colors—red, blue, yellow, green and white. 12 for 60c; 25 for \$1.10; 100 for \$4.00, postpaid.

Double Clinch Leg Bands; 12 for 20c; 25 for 35c; 50 for 50c; 100 for 90c., post-

Colored Victor. paid.

Eclipse Leg Bands. Same prices as Double Clinch.

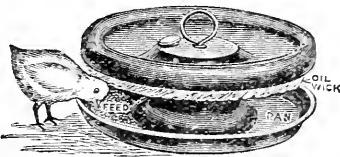
Smith Sealed Leg Bands: 12 for 35c; 25 for 60c; 100 for \$1.75. Sealers, for Smith Sealed, 60c.

Leader Adjustable Leg Bands. 12 for 20c; 25 for 35c; 100 for 90c.

Pettet Poultry Punch: 25c, postpaid.

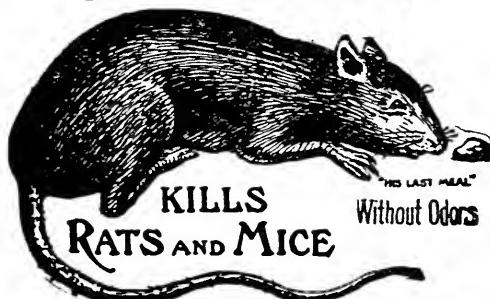
### AUTOMATIC CHICK GREASER.

Every chick his own doctor. As he eats out of the pan his head is thoroughly greased. Price, \$1.00; by mail, \$1.15.

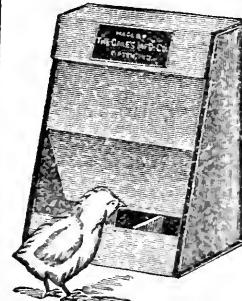


Chick Greaser.

## RAT CORN



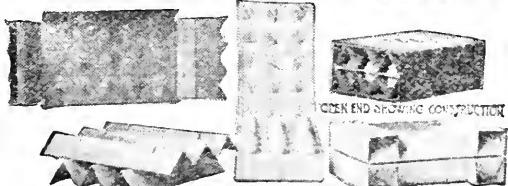
**RAT CORN** kills rats and mice with no odor. It mummifies them and they simply dry up. Harmless to human beings and live stock. Prices: 25c, 50c and \$1.00 per can. By mail, 30c, 55c and \$1.05.



### GRIT AND SHELL BOX.

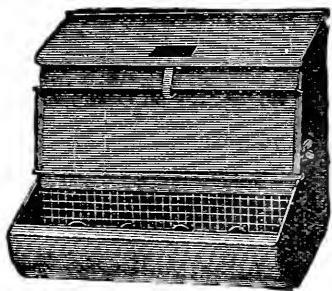
For grit, shells and charcoal. Made of galvanized steel with 3 compartments. Chick size, 75c; Poultry size, \$1.25.

## DIAMOND PARCEL POST EGG CARRIERS.



Ship eggs without breaking. Safe delivery by parcel post absolutely assured.

	BY MAIL	BY EXPRESS	
	Each	Each	Doz.
1 doz. size	.10	.30	..... \$2.90
2 doz. size	.50	.40	..... 4.20
3 doz. size	.65	.50	..... 5.45
4 doz. size	.80	.65	..... 7.00
15 egg size	.40	.30	..... 3.00
25 egg size	.50	.40	..... 4.40
30 egg size	.60	.45	..... 4.80



Improved Handy

### IMPROVED HANDY HOPPER.

Provided with a hinged lid over both hopper and trough, making it rat and mouse proof as well as dirt proof. Has swinging front adjustable to suit any kind of dry mash.

No. 1 (12 inches) \$1.75  
No. 2 (18 inches) 2.25  
No. 3 (24 inches) 2.50  
No. 4 (36 inches) 3.75  
Bar Nun Hopper. Capacity 8 quarts, \$2.50.

Beef Scrap Hopper, 75c.

### LAWN PARK COOP.

A handsome parking coop that will telescope. Made of galvanized metal throughout. Sanitary, affording proper ventilation and also absolute protection against rats and other chick enemies.

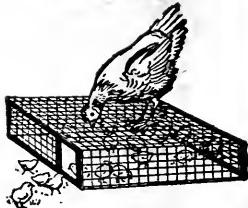
Price, \$5.00.

Special prices in quantity.

### "LITTLE CHICK" FEEDER.

Conserves feed. Protects and accommodates 40 to 50 chicks.

Price, \$1.75.  
By mail, \$2.00.

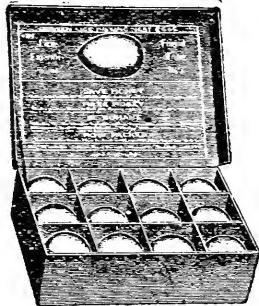


### LICE KILLING NEST EGGS

Very popular with successful poultrymen. Used the same as any other nest eggs but far superior as they serve both as nest eggs and disinfectants. They keep the hens free from lice, healthy and contented. That means more eggs and more profits. 10c each; dozen (in box) 75c; by mail, 90c.

Porcelain Nest Eggs. Made of flint glass. 5c each; dozen 35c; by mail, 50c.

Erie Shipping Coops. Single Bird, 70c. Pair, 80c. Trio, \$1.00.



SELF-LOCKING EGG CARTON. Locks automatically. 12, 35c; by mail, 40c; 100, \$2.50; 1,000, \$23.00.

### McCANDLISH CHICK FEEDER.

Something new. The latest in little chick feeders. Also used for drinking. Made entirely of galvanized iron. Safe—Sanitary—Saving. Made in three lengths. 12 inch, 35c; by mail 45c; 20 inch, 50c; by mail 60c; 30 inch, 75c; by mail, 85c.



### CLOSE TO NATURE GRAIN SPROUTERS.

The most valuable invention in the poultry industry since that of the incubator is the Grain Sprouter or perpetual Poultry Silo.

The Double Quick Close to Nature Grain Sprouter is the most efficient and economical sprouter ever invented.

No. 1, Eight Quart Size, 2 trays, 25 to 35 hens, \$12.00  
No. 2, Sixteen Quart Size, 4 trays, 50 to 75 hens, 16.00  
No. 3, One Bushel Size, 5 trays, 100 to 150 hens, 24.00  
No. 4, Two Bushel Size, 6 trays, 200 to 300 hens, 32.00  
No. 5, Four Bushel Size, 12 trays, 400 to 600 hens, 48.00  
No. 6, Eight Bushel Size, 16 trays, 800 to 1,200 hens, 72.00  
(Ask for Descriptive Circular giving complete information.)

Prices on this page do not include postage unless offered by mail.

SANITARY WALL FOUNTAIN. May be hung on side walls or posts. Qt., 75c; gal., \$1.25; 2 gal., \$1.50.

ECONOMY DRINKING FOUNTAIN. A new improved style. The most sanitary and easiest cleaned. Can stand on ground or hang on the wall. Gal., \$1.50; 2 gals., \$1.75.

TWO PIECE DRINKING FOUNTAIN. This fountain consists of a cone-shaped bucket or can, and a stamped pan which forms the base and the trough from which the fowls drink. The cone-shaped bucket prevents fowls from roosting or standing on it. Both parts galvanized. Qt., 35c; 2 qt., 50c; 3 qt., 65c.



Sanitary Wall Fountain

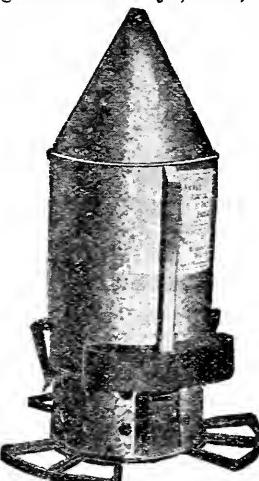
vents fowls from roosting or standing on it. Both parts galvanized. Qt., 35c; 2 qt., 50c; 3 qt., 65c.

### NORWICH AUTOMATIC AIR-LOCK FOUNTAIN.

Most perfect device for automatically supplying pure fresh water at all seasons of the year. The construction of the fountain is such that it is absolutely impossible for the birds to contaminate the water. Guaranteed frost proof at 10 degrees below zero.

Price, complete \$7.50.

Metal Nests, \$1.00 each.  
Trap Nests, 70c each; doz., \$7.20; 3 section, \$2.00.

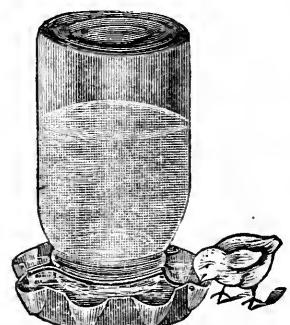


Air-Lock Fountain.

APACO POULTRY FEEDER. An automatic feeder of the hanging type. Designed for the small breeder. Capacity 12 qts. Price, \$1.50.

AUTOMATIC CHICK FOUNTAIN. Feeds water, grain, grit, etc., automatically. Made to fit fruit jar. Price, 15c each; by mail, 20c.

(Price does not include jar.)



Chick Fountain.

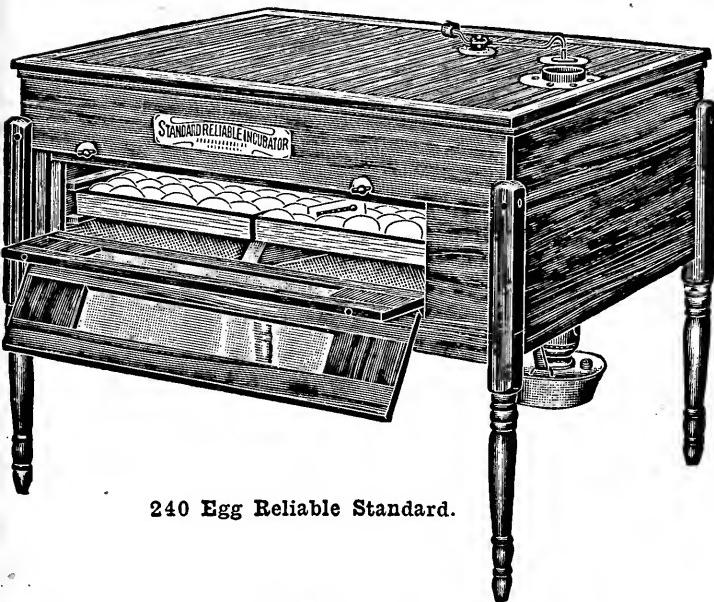
Page	Page	Page	Page	Page	Page	Page	Page
Alfalfa.....28-30	Corn, Field.....9-13	Kaffir Corn.....25	Paris Green.....109	Rye Grass.....32	Slug Shot.....109	Soy Beans.....23	Speltz.....19
Alsike.....27	Corn Salad, Collards.....46	Kale, Kohlrabi.....67	Parcel Post Rates.....2, 34	Peas, Garden.....68	Sprayers.....108	Squash.....77, 78	Sprouts.....76
Arsenate of Lead.....109	Corn, Sweet 13, 19, 50, 51, 52	Lawn Grass.....33	Parsley.....68	Garden.....68, 69, 70, 71	Strawberries.....103	Sudan Grass.....25	Timothy.....32
Asparagus.....35	Cow Peas.....23	Leek.....67	Pasture Mixture.....32	Peas, Field.....24	Sunflower.....26, 110	Sweet Clover.....27	Tomatoes.....79, 80, 81
Asters.....85	Cress, Chicory.....46	Limestone.....58, 59	Peanuts.....51, 52	Peppers.....72, 73	Sweet Peas.....91	Turnips, Tobacco.....78-83	Tools.....104-107
Barley.....18, 19	Cucumber.....53, 54, 55	Mangels.....30	Peas, Garden.....68, 69, 70, 71	Planet Jr. Tools.....104	Timothy.....32	Vegetable Plants.....35, 45, 99	Wheat.....20-22
Beans, Garden 35, 36, 37, 38-9	Egg Plant, Endive.....67	Meadow Mixture.....32	Peanuts.....51, 52	Potatoes.....3-8	Water Melons.....62, 63		
Beans, Field.....24	Fertilizers.....107	Millet.....32	Peanuts.....51, 52	Potato Eyes.....8			
Beets.....40, 41	Feterita.....25	Milo Maize.....26	Peanuts.....51, 52	Potato Seed.....8			
Blue Grass.....32	Flax.....19	Meadow Mixture.....26	Peanuts.....51, 52	Poultry Feed.....110			
Brome Grass.....32	Flower Seeds.....84-92	Milo Maize.....26	Peanuts.....51, 52	Poultry Supplies.....110-112			
Broom Corn.....25	Freight Rates.....2	Mushroom Spawn.....67	Peanuts.....51, 52	Pumpkins.....72			
Buckwheat.....19	Fruit Plants.....103	Muskmelon.....60, 61	Peanuts.....51, 52	Radish.....73, 74, 75			
Bug Death.....109	Fruit Trees.....102	Mustard.....67	Peanuts.....51, 52	Rape.....24			
Bulbs.....94, 95, 96, 97, 98	Garden Seeds.....34-83	Nasturtiums.....89	Peanuts.....51, 52	Red Top.....32			
Cabbage.....43, 44, 45, 46	Garden Tools.....104-106	Nitragin.....31, 71	Peanuts.....51, 52	Rhubarb.....76			
Cane Seed.....25	Gourds.....67	Nursery Stock.....102-103	Peanuts.....51, 52	Roses and Plants.....100, 101			
Carrot.....47	Grass Seeds.....32, 33	Oats.....14-17	Peanuts.....51, 52	Rutabagas.....83			
Cauliflower.....46	Hardy Plants.....93	Okra.....67	Peanuts.....51, 52	Rye.....22			
Celery.....48	Herbs.....78	Onions Sets.....64, 65, 66	Peanuts.....51, 52				
Chick Feed.....110	Incubators.....Back Cover	Orchard Grass.....32	Pansies.....89				
Clovers.....27-30	Inoculation.....30, 31	Pansies.....89					

# RELIABLE INCUBATORS AND BROODERS.

## RELIABLE IN FACT AS WELL AS NAME.

(Ask for complete Reliable Catalog.)

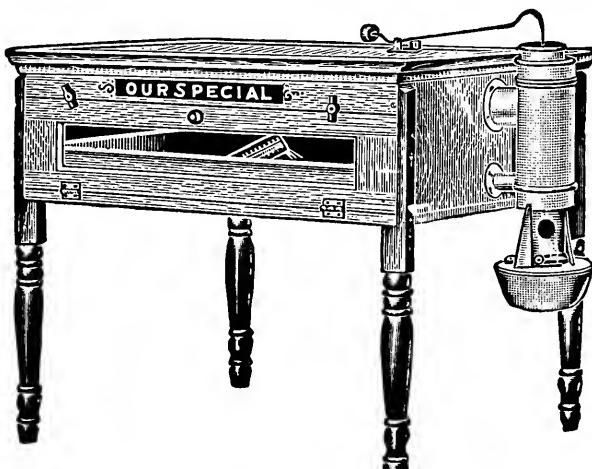
The Reliable has been on the market 40 years and is the favorite with hosts of poultrymen. It came to the front not through extensive advertising nor loud puffing but solely because it produced satisfactory results and was found to be always "reliable." It has won over a thousand Highest Awards at International Expositions, State Fairs, etc. All things considered we think it is the best, most substantial and easiest operated incubator on the market. It is sold on a strong guarantee and is exactly what its name signifies, thoroughly reliable. Made in both Hot Air and Hot Water styles.



240 Egg Reliable Standard.

### PRICES OF RELIABLE INCUBATORS FOR 1921.

No. 49A—100 egg Hot Air Standard .....	\$23.70
No. 51A—140 egg Hot Air Standard .....	32.70
No. 53A—240 egg Hot Air Standard .....	45.00
No. 55A—350 egg Hot Air Standard .....	52.80
No. 57A—450 egg Hot Air Standard .....	61.80
No. 50A—100 egg Hot Water Standard .....	29.70
No. 52A—140 egg Hot Water Standard .....	39.00
No. 54A—240 egg Hot Water Standard .....	54.00
No. 56A—350 egg Hot Water Standard .....	66.00
No. 58A—450 egg Hot Water Standard .....	78.00

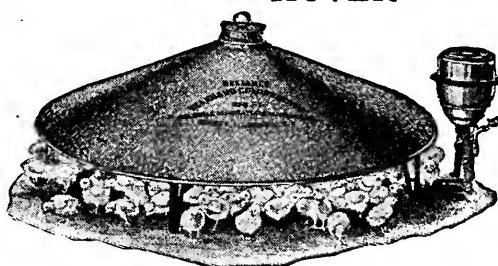


140 Egg Reliable Special.

All hatching features are the same in the Special Incubator as in the Standard. The differences are: The standard has two doors, the Special one; the Standard has lamp incased, the Special has lamp on outside; the Standard has nursery beneath egg tray; the Special has none. The Standard has two wood walls; the 140 egg Special one wood wall and one heavy fibre board, the 70 egg Special a single wood case. The Standard is 18 inches deep, the Special 9 inches.

No. 82A—70 egg Hot Water Special ..... \$15.40  
No. 84A—140 egg Hot Water Special ..... 23.10

## BLUE FLAME OIL HEATED COLONY HOVER



The Blue Flame Oil Heated Colony Hover burns oil instead of coal. You can always get coal oil or kerosene, but it is hard to get hard coal. The **BLUE FLAME** is easy to operate,

economical, convenient and safe. No wick to trim, no smoke or gas, plenty of heat. It will do better work than the coal burning brooder, with less trouble, less risk of fire going out and with less cost. It keeps the chicks comfortable, happy and healthy and is guaranteed to give satisfaction.

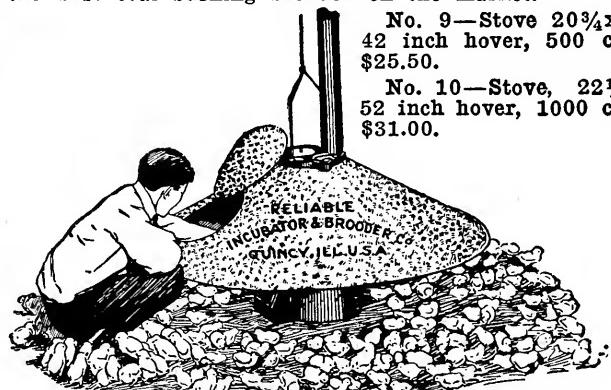
No. 00—18 inch size, 100 chicks .....	\$10.00
No. 0—30 inch size, 250 chicks .....	18.15
No. 1—42 inch size, 500 chicks .....	20.35
No. 2—52 inch size, 1000 chicks .....	24.20

### RELIABLE COAL BURNING BROODER.

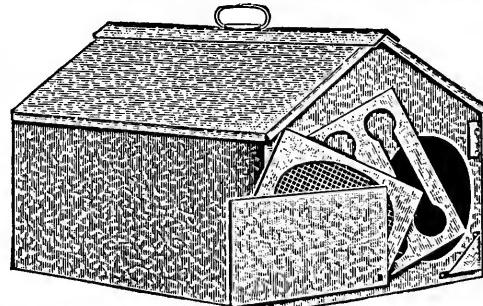
The Reliable Coal Burning Brooder is durably constructed and will last a life time. Will burn coal or coke and can be used in any kind of building or room in any kind of weather. Has all the latest improvements including Automatic Regulator, which insures a steady heat and saves fuel. The Reliable is fully guaranteed and, is we think, the best coal burning brooder on the market.

No. 9—Stove 20 $\frac{3}{4}$ x10 $\frac{3}{4}$ , 42 inch hover, 500 chicks, \$25.50.

No. 10—Stove, 22 $\frac{1}{2}$ x12, 52 inch hover, 1000 chicks, \$31.00.



New Reliable Coal Burning Brooder.



### ALL METAL BROOD COOP.

Made of galvanized steel. Shipped knock down to save freight. Is lock seamed and easily put together. 24 inches long, 18 wide, 14 high.

Price, \$3.10

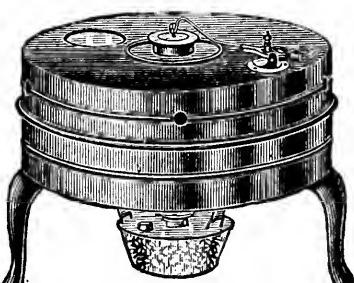
### RELIABLE NON-FREEZABLE FOUNTAIN AND HEATER.

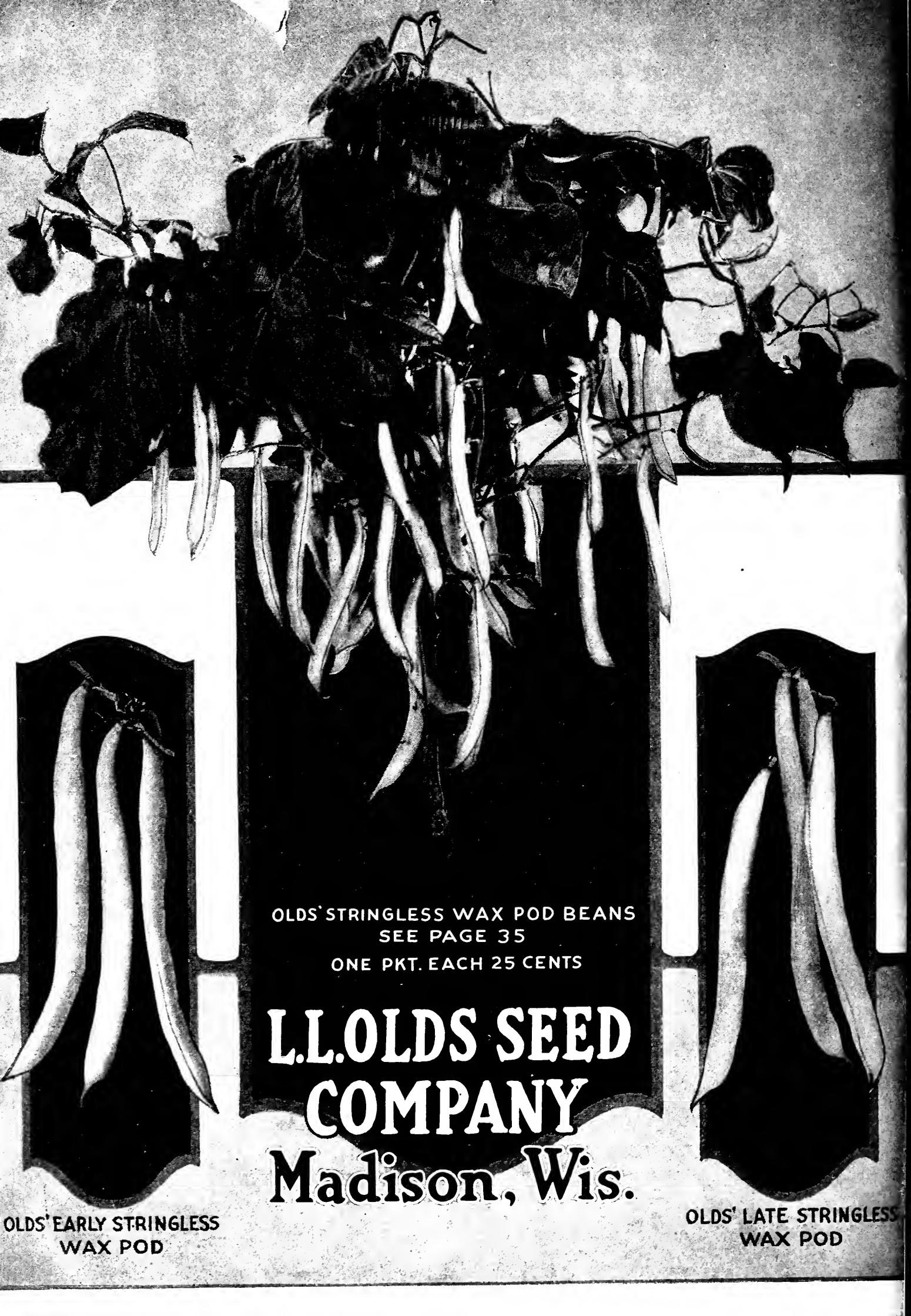
No freezing in mid-winter. Keeps poultry house warm. 4-gal. size, \$6.60; 8-gal. size, \$7.50.

### BABY GRAND INCUBATOR.

A RELIABLE incubator at a low price. Everyone can hatch chickens now. Substantially made, all of metal, beautiful in appearance and the most reliable and easiest operated of all small incubators. Just the thing for the small fancier. Simple in construction, easy to operate, self-regulating.

Price, 50 Egg Capacity, only \$9.00.





OLDS' STRINGLESS WAX POD BEANS  
SEE PAGE 35  
ONE PKT. EACH 25 CENTS

L.L.OLDS SEED  
COMPANY  
Madison, Wis.

OLDS' EARLY STRINGLESS  
WAX POD

OLDS' LATE STRINGLESS  
WAX POD